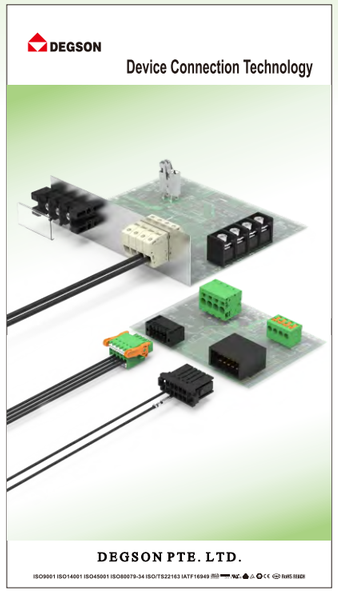
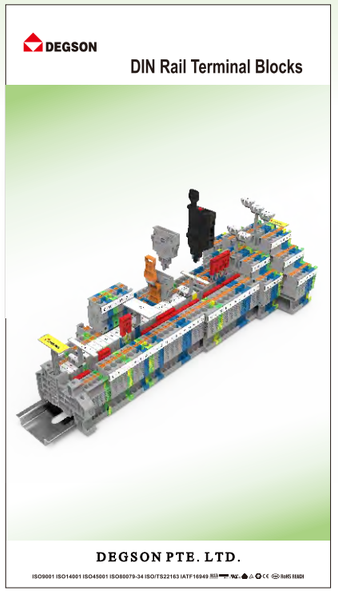
DEGSON is a global manufacturer of industrial and new energy connectors, providing customized solutions for customers.













DEGSON
DEGSON PTE. LTD.
Add: 2 Venture Drive #08-07 Vision
Exchange Singapore 608526
www.degson.com

The catalog is for reference purpose only and details are base on company's specifications

Q-FLEX
Avantintie 7, FI-21420 Lieto, Finland
+358 2 4894 500
info@q-flex.fi | q-flex.fi

CC 25-E01

DEGSON

Circular Connectors



ISO9001 ISO14001 ISO45001 ISO80079-34 ISO/TS22163 IATF16949 RoHS REACH

Brief Introduction

Founded in 1990,DEGSON is well known as a comprehensive industrial solution provider,with UL-CTDP, VDE-TDAP and CNAS approved laboratory.DEGSON has passed ISO9001、ISO14001、ISO45001、IS080079-34,ISO/TS22163 and IATF16949 Management System,and is a national high-tech enterprise.

DEGSON is engaged in supplying highly reliable and durable products to serve global customers. The company has a market-leading capability of mould processing, automatic manufacturing and advanced testing. DEGSON has the complete engineering ability to support global customers with the professional customization solution and value-added service.

DEGSON products are widely recognized in China, the USA, Germany, the UK, Italy, Spain, Turkey, Japan, South Korea, Singapore, etc. totally hundred countries and regions. DEGSON supply high quality products and provide professional services globally in the industry sectors likely industrial automation, instrument, electric power, railway, marine and offshore, new energy, elevator, lighting, security, machinery,E-bike industry, etc. The company won the recognition from partners among Fortune 500 and industry leading enterprises.

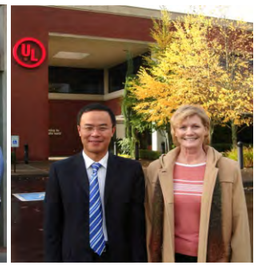
Based on the business philosophy of “Clients First,Win-win Strategy,Responsibility Integrity,Excellence Pursuit. ”, DEGSON continuously integrates professional technical resources, R&D innovation, product manufacturing and technology application capabilities. Relying on global sales network, DEGSON aims to supply series of multiple varieties of high-quality products and services. We provide global customers with professional and quick connected application solutions, help customers continue to create value. DEGSON is making contributions to creating a smart and interconnected world.



UL-CTDP (USA), VDE-TDAP (Germany) and CNAS laboratories

Strategic cooperation with UL and VDE





① The general manager of UL global energy &technology division visit our company



② Sven Ohrke, President of VDE global services, comes to DEGSON to discuss strategic cooperation



③ VDE Laboratory Accreditation: In July 2010, VDE Issued the "VDE Authorized Laboratory" Certificate to DEGSON′ s laboratory.
UL laboratory accreditation: UL formally issued "UL WTDP" certification to DEGSON in March 2013.
On April, 2016, UL-CTDP.
On December, 2016, VDE-TDAP.
On January, 2017, Pass IRIS system audit.



ISO9001



ISO14001



IATF16949



ISO/TS 22163



UL - CTDP



VDE - TDAP



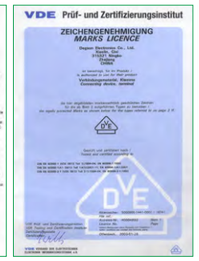
CNAS certificate



EX certificate



UL Certificates:10,Covering 4000+Products



VDE Certificates:178,Covering 3000+Products



TUV certificate



European invention patent

CONTENTS

Circular connector series which functions as signal and power transfer are applied to device connection in industrial environment. While shielded type and unshielded type of circular connector are used in field assembly. What's more, customized circular connectors can be designed according to customer's need.



M5 overmolded with cable plug ····· 03-06

M5 Panel mounting ····· 07-16



M8 overmolded with cable plug ····· 19-28

M8 Panel mounting ····· 29-46

M8 Field assembly ····· 47-54



M12 overmolded with cable plug ····· 57-84

M12 Panel mounting ····· 85-116

M12 Field assembly ····· 117-142

CONTENTS



M23 Field assembly ····· 145-149

M23 Panel mounting ····· 150-154



7/8"-16UN overmolded with cable plug ····· 157-164

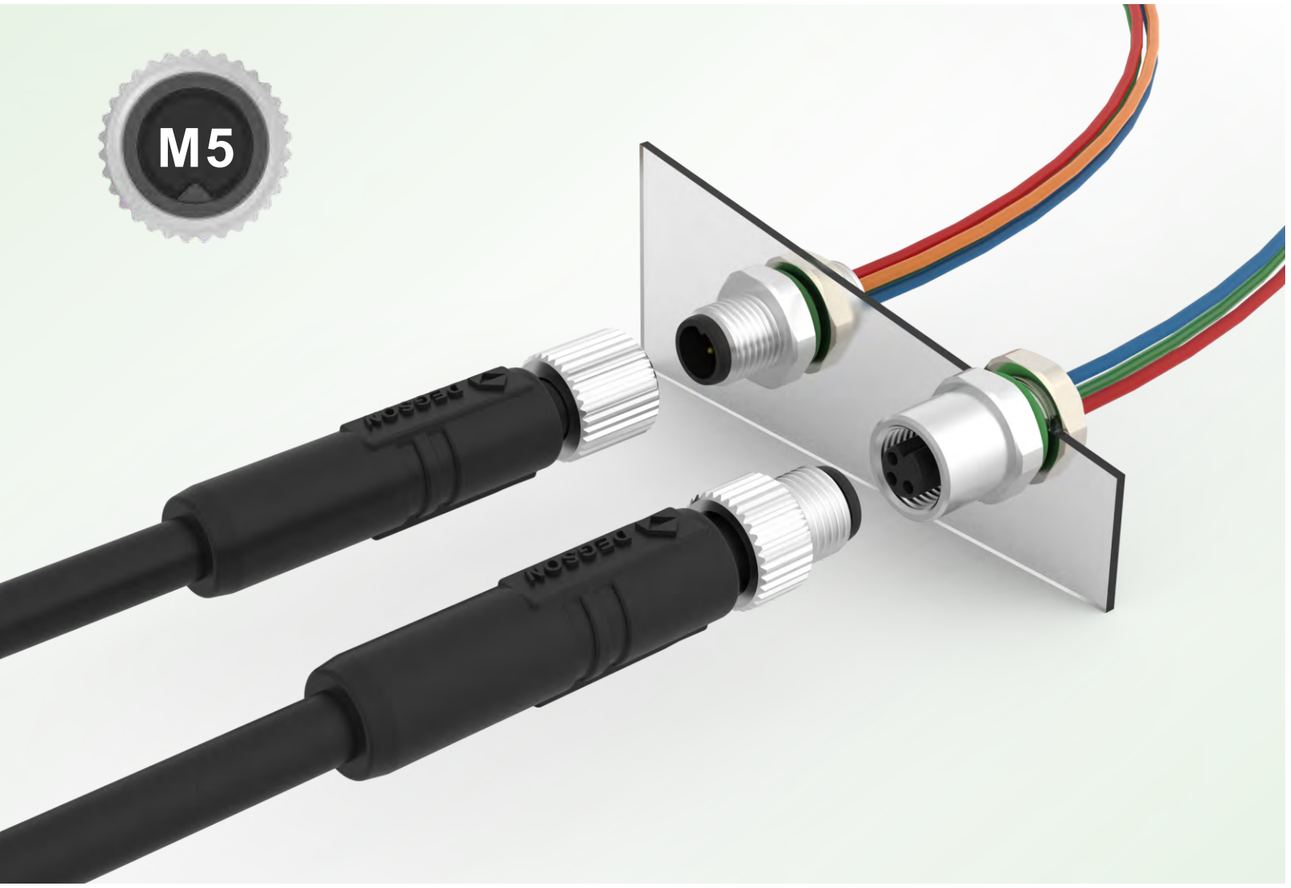
7/8"-16UN Panel mounting ····· 165-174



Servo connector ····· 175-178



M8、M12 Distributor ····· 179-184

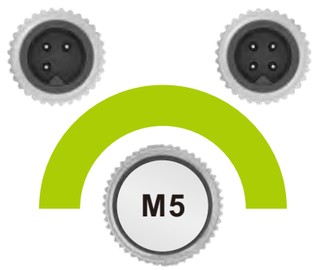


Advantages

- Good sealing performance, with IP class up to IP 67.
- Micro connectors, save space.
- Suitable for continuous shock and vibration environment.
- compatible with same series connectors on the market.

Features

- Cable material: PUR, PVC.
- IP-class: IP67.
- Wire connection method is optional.
- Compliance with IEC 61076 standard.



Circular Connectors Part Number

Circular Connectors Part Number Reference

□□□□ – M5□ – □□P – □□ – □□□□□□ – □□AH

Special coding
00-Standards
01～99-Extended products

Quality grade
"H" RoHS Complaint

Number of Contacts
□□
03, 04Pin

Coding
□ A - A-Coding

Connector Style
□ M- Male Connector
□ F- Female Connector

IP Class
□ 4 = IP 54
□ 5 = IP 65
□ 6 = IP 66
□ 7 = IP 67
□ 8 = IP 68

With or without Shielded
□ SH- Shielded
□ Unshielded

Contact Type
□ M - Male
□ F - Female

Serial Number
000: Phantom
Without Cable (A,B)
001

For Panel (P,R,D)
□ 001:M5*0.5
□ 002:M7*0.75

With Cable (Processing method: M)
X:
□ A-PVC UL2517 Black Cable
□ B-PU UL20549 Black Cable
□ E-Cate 5E Cable(2Pair/4Pair)
XX:01 - 1M ~
99 - 99M

Panel with wire harness
(C,D)
UL1061
X:
□ A(Bonding wire): M5*0.5
□ B(Bonding wire): M7*0.75
XX:Length (150~1500mm)
□ 15:150mm □ 30:300mm
□ 50:500mm

□ A0:1000mm □ A1:1100mm

Assemble Style
□ M-Molding Type
□ A-Assembly Type (Solder)
□ B-Assembly Type (Screw)
□ D-Solder Type
□ P-PCB Type
□ R-PCB Type

Mating Style
□ S - Screw
□ P - Push Pull

Style
□ P-Plug
(For Molding and Assembly)
□ S -Socket
(For Panel)

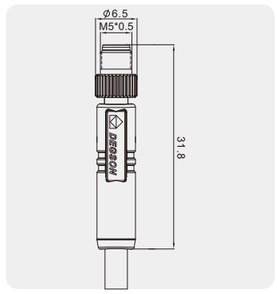
Back Shell
□ L - Straight (For Molding and Assembly)
□ R - Right Angle (For Molding and Assembly)
□ S - Square (For Panel)
□ F - Front Hexagonal (For Panel)
□ H - Rear Hexagonal (For Panel)
□ W - Front Circular (For Panel)
□ N - Rear Circular (For Panel)

For example：

1. M5 female plug 4Pin：PM-M5A-04P-FF-SL7A01-00A(H)
   Details: Plastic covered at the end of wire, M5 A-Coding, 4Pin, female socket female Pin, thread locked, straight head, IP67, PVC black kacket.
   Covered by UL2517 wire, the length of 1.0M,standard products.

M5 x 0.5 Male Overmolded with Cable plug,Single end,Unshielded,Straight.





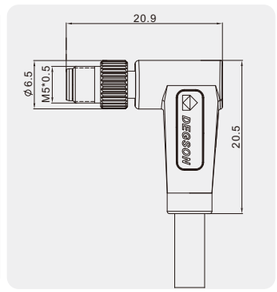
Technical Data

Standard	IEC 61076	Contact carriers material	PU
Series	M5, Male,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	1A max.	Seal	Silicone
Rated voltage	60V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	1A	1A
Rated voltage	V.	60V	60V
Wire/Cable	Wire gauge	26AWG	26AWG
	Cross section	0.14mm²	0.14mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK
Description		Order NO .	Order NO .
PVC	1m	PM-M5A-03P-MM-SL7A01-00AH	PM-M5A-04P-MM-SL7A01-00AH
	3m	PM-M5A-03P-MM-SL7A03-00AH	PM-M5A-04P-MM-SL7A03-00AH
	5m	PM-M5A-03P-MM-SL7A05-00AH	PM-M5A-04P-MM-SL7A05-00AH
	Customized	·····	·····
PUR	1m	PM-M5A-03P-MM-SL7B01-00AH	PM-M5A-04P-MM-SL7B01-00AH
	3m	PM-M5A-03P-MM-SL7B03-00AH	PM-M5A-04P-MM-SL7B03-00AH
	5m	PM-M5A-03P-MM-SL7B05-00AH	PM-M5A-04P-MM-SL7B05-00AH
	Customized	·····	·····

M5 x 0.5 Male Overmolded with Cable plug,Single end,Unshiedled,Angled.





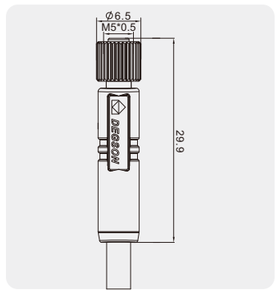
Technical Data

Standard	IEC 61076	Contact carriers material	PU
Series	M5, Male,Angled	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	1A max.	Seal	Silicone
Rated voltage	60V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	1A	1A
Rated voltage	V.	60V	60V
Wire/Cable	Wire gauge	26AWG	26AWG
	Cross section	0.14mm²	0.14mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK
Description		Order NO .	Order NO .
PVC	1m	PM-M5A-03P-MM-SR7A01-00AH	PM-M5A-04P-MM-SR7A01-00AH
	3m	PM-M5A-03P-MM-SR7A03-00AH	PM-M5A-04P-MM-SR7A03-00AH
	5m	PM-M5A-03P-MM-SR7A05-00AH	PM-M5A-04P-MM-SR7A05-00AH
	Customized	·····	·····
PUR	1m	PM-M5A-03P-MM-SR7B01-00AH	PM-M5A-04P-MM-SR7B01-00AH
	3m	PM-M5A-03P-MM-SR7B03-00AH	PM-M5A-04P-MM-SR7B03-00AH
	5m	PM-M5A-03P-MM-SR7B05-00AH	PM-M5A-04P-MM-SR7B05-00AH
	Customized	·····	·····

M5 x 0.5 Female Overmolded with Cable plug,Single end,Unshielded,Straight.



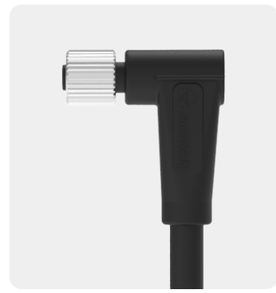


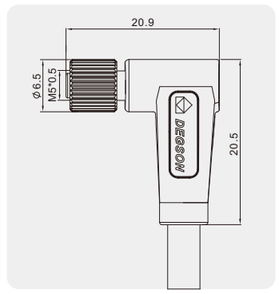
Technical Data

Standard	IEC 61076	Contact carriers material	PU
Series	M5, Female,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	1A max.	Seal	Silicone
Rated voltage	60V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	1A	1A
Rated voltage	V.	60V	60V
Wire/Cable	Wire gauge	26AWG	26AWG
	Cross section	0.14mm²	0.14mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK
Description		Order NO .	Order NO .
PVC	1m	PM-M5A-03P-FF-SL7A01-00AH	PM-M5A-04P-FF-SL7A01-00AH
	3m	PM-M5A-03P-FF-SL7A03-00AH	PM-M5A-04P-FF-SL7A03-00AH
	5m	PM-M5A-03P-FF-SL7A05-00AH	PM-M5A-04P-FF-SL7A05-00AH
	Customized	·····	·····
PUR	1m	PM-M5A-03P-FF-SL7B01-00AH	PM-M5A-04P-FF-SL7B01-00AH
	3m	PM-M5A-03P-FF-SL7B03-00AH	PM-M5A-04P-FF-SL7B03-00AH
	5m	PM-M5A-03P-FF-SL7B05-00AH	PM-M5A-04P-FF-SL7B05-00AH
	Customized	·····	·····

M5 x 0.5 Female Overmolded with Cable plug,Single end,Unshielded,Angled.





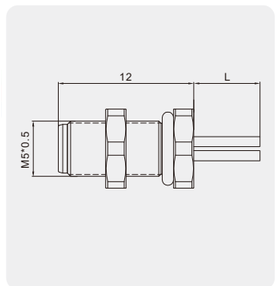
Technical Data

Standard	IEC 61076	Contact carriers material	PU
Series	M5, Female,Angled	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	1A max.	Seal	Silicone
Rated voltage	60V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	1A	1A
Rated voltage	V.	60V	60V
Wire/Cable	Wire gauge	26AWG	26AWG
	Cross section	0.14mm²	0.14mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK
Description		Order NO .	Order NO .
PVC	1m	PM-M5A-03P-FF-SR7A01-00AH	PM-M5A-04P-FF-SR7A01-00AH
	3m	PM-M5A-03P-FF-SR7A03-00AH	PM-M5A-04P-FF-SR7A03-00AH
	5m	PM-M5A-03P-FF-SR7A05-00AH	PM-M5A-04P-FF-SR7A05-00AH
	Customized	·····	·····
PUR	1m	PM-M5A-03P-FF-SR7B01-00AH	PM-M5A-04P-FF-SR7B01-00AH
	3m	PM-M5A-03P-FF-SR7B03-00AH	PM-M5A-04P-FF-SR7B03-00AH
	5m	PM-M5A-03P-FF-SR7B05-00AH	PM-M5A-04P-FF-SR7B05-00AH
	Customized	·····	·····

M5 x 0.5 Male Panel Mount Receptacle,
Rear Mounting,with 0.5m wires.





Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M5, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	1A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +85℃	—	—
IP Class	IP67	—	—

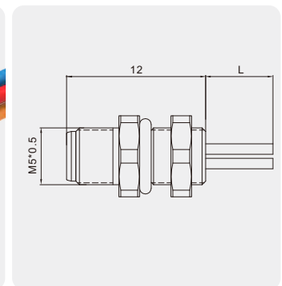
Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	1A	1A
Rated voltage	V.	60V	60V
Wire/Cable	Wire gauge	26AWG	26AWG
	Cross section	0.14mm²	0.14mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK
Description		Order NO .	Order NO .
0.5m		SD-M5A-03P-MM-SF7A50-00AH	SD-M5A-04P-MM-SF7A50-00AH
Customized		·····	·····

DEGSON

M5 Series

M5 x 0.5 Male Panel Mount Receptacle,
Front Mounting,with 0.5m wires.





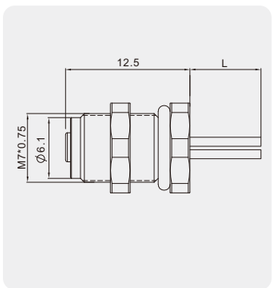
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M5, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	1A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +85℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	1A	1A
Rated voltage	V.	60V	60V
Wire/Cable	Wire gauge	26AWG	26AWG
	Cross section	0.14mm²	0.14mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK
Description		Order NO .	Order NO .
0.5m		SD-M5A-03P-MM-SH7A50-00AH	SD-M5A-04P-MM-SH7A50-00AH
Customized		·····	·····

M5 x 0.5 Female Panel Mount Receptacle,
Rear Mounting,with 0.5m wires.





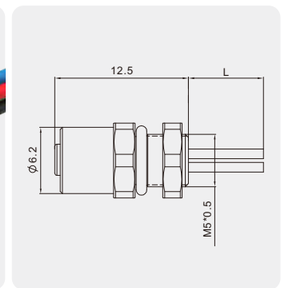
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M5, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	1A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +85℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	1A	1A
Rated voltage	V.	60V	60V
Wire/Cable	Wire gauge	26AWG	26AWG
	Cross section	0.14mm²	0.14mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK
Description		Order NO .	Order NO .
0.5m		SD-M5A-03P-FF-SF7B50-00AH	SD-M5A-04P-FF-SF7B50-00AH
Customized		·····	·····

M5 x 0.5 Female Panel Mount Receptacle,
Front Mounting,with 0.5m wires.





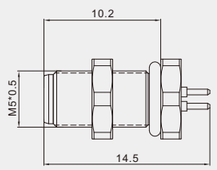
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M5, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	1A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +85℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	1A	1A
Rated voltage	V.	60V	60V
Wire/Cable	Wire gauge	26AWG	26AWG
	Cross section	0.14mm²	0.14mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK
Description		Order NO .	Order NO .
0.5m		SD-M5A-03P-FF-SH7A50-00AH	SD-M5A-04P-FF-SH7A50-00AH
Customized		·····	·····

M5 x 0.5 Male Panel Mount Receptacle,
Rear Mounting,Unshielded,PCB Soldering.



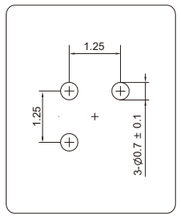


Technical Data

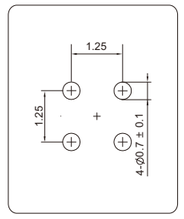
Standard	IEC 61076	Contact carriers material	PA
Series	M5, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	1A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +85℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	1A	1A
Rated voltage	V.	60V	60V
Description		Order NO .	Order NO .
—		SP-M5A-03P-MM-SF7001-00AH	SP-M5A-04P-MM-SF7001-00AH

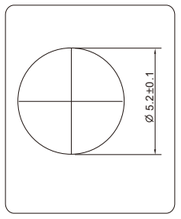
Dimension Figure



PCB Layout



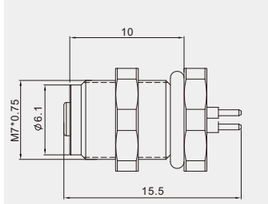
PCB Layout



Panel Cut-Out

M5 x 0.5 Female Panel Mount Receptacle,
Rear Mounting,Unshielded,PCB Soldering.



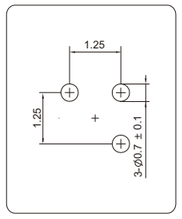


Technical Data

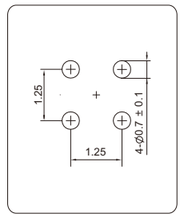
Standard	IEC 61076	Contact carriers material	PA
Series	M5, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	1A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +85℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	1A	1A
Rated voltage	V.	60V	60V
Description		Order NO .	Order NO .
—		SP-M5A-03P-FF-SF7002-00AH	SP-M5A-04P-FF-SF7002-00AH

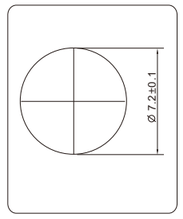
Dimension Figure



PCB Layout



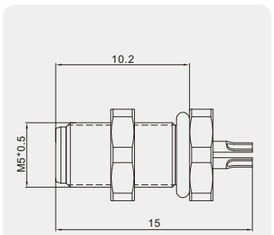
PCB Layout



Panel Cut-Out

M5 x 0.5 Male Panel Mount Receptacle, Rear Mounting,Unshielded,Soldering without wire.



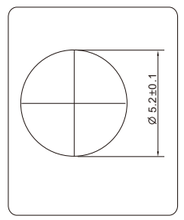


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M5, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	1A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +85℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	1A	1A
Rated voltage	V.	60V	60V
Description		Order NO .	Order NO .
—		SD-M5A-03P-MM-SF7001-00AH	SD-M5A-04P-MM-SF7001-00AH

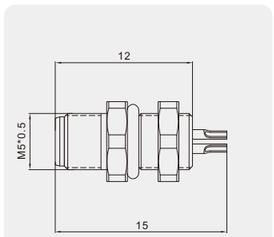
Dimension Figure



Panel Cut-Out

M5 x 0.5 Male Panel Mount Receptacle, Front Mounting,Unshielded,Soldering without wire.



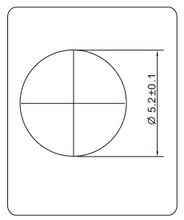


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M5, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	1A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +85℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	1A	1A
Rated voltage	V.	60V	60V
Description		Order NO .	Order NO .
—		SD-M5A-03P-MM-SH7001-00AH	SD-M5A-04P-MM-SH7001-00AH

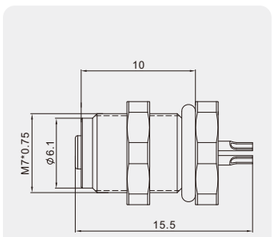
Dimension Figure



Panel Cut-Out

M5 x 0.5 Female Panel Mount Receptacle, Rear Mounting,Unshielded,Soldering without wire.



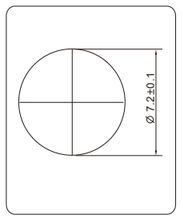


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M5, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	1A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +85℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	1A	1A
Rated voltage	V.	60V	60V
Description		Order NO .	Order NO .
—		SD-M5A-03P-FF-SF7002-00AH	SD-M5A-04P-FF-SF7002-00AH

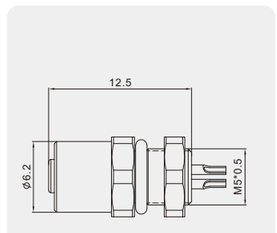
Dimension Figure



Panel Cut-Out

M5 x 0.5 Female Panel Mount Receptacle, Front Mounting,Unshielded,Soldering without wire.



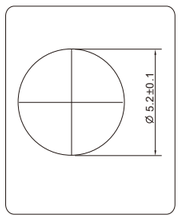


Technical Data

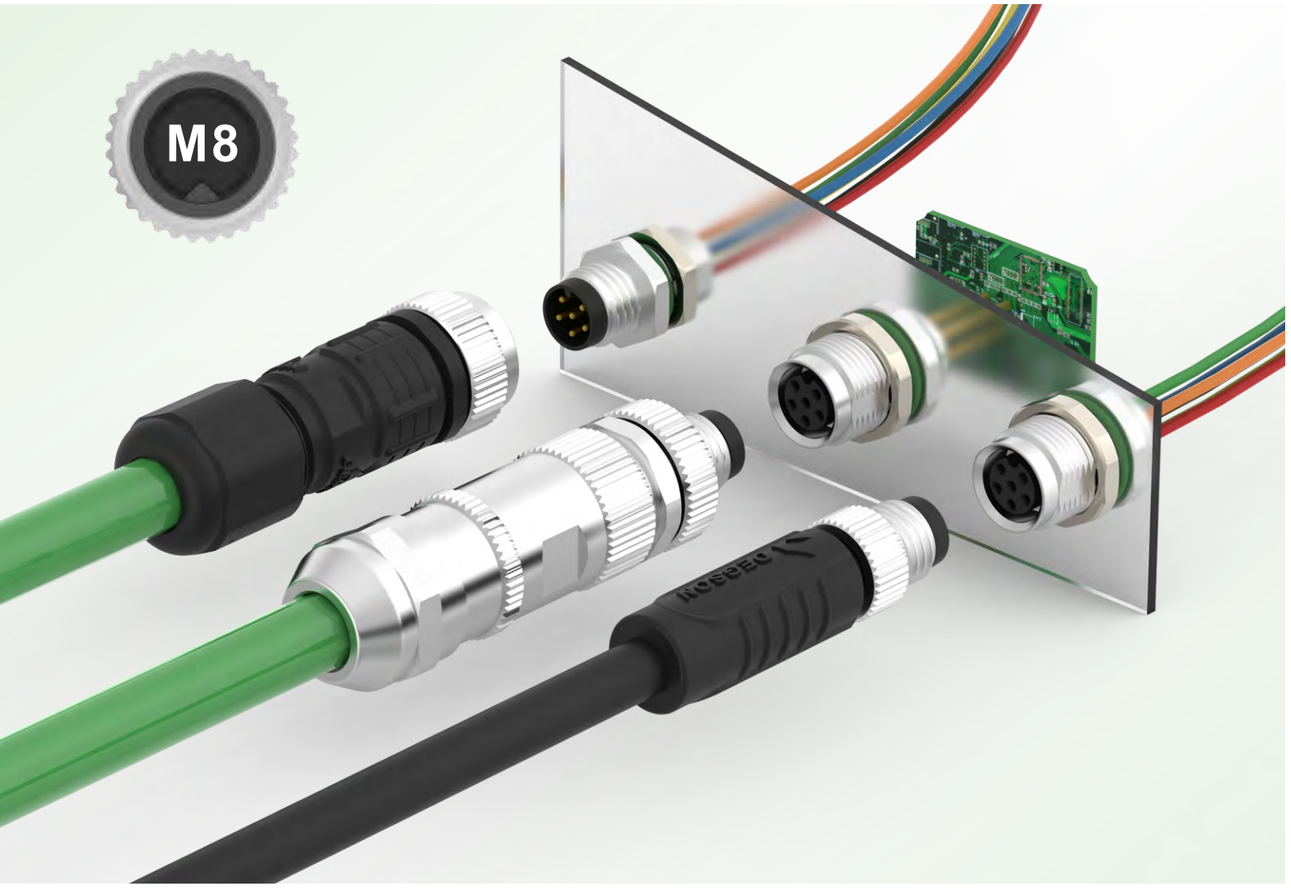
Standard	IEC 61076	Contact carriers material	PA
Series	M5, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	1A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +85℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	1A	1A
Rated voltage	V.	60V	60V
Description		Order NO .	Order NO .
—		SD-M5A-03P-FF-SH7001-00AH	SD-M5A-04P-FF-SH7001-00AH

Dimension Figure



Panel Cut-Out



Advantages

- Good sealing performance ,with IP class up to IP 67.
- Dimension optimization,save space.
- Shield is optional,provide reliable electromagnetic protection.
- Wire connection method is optional, suitable for continuous shock and vibration environment.
- Connection technology is suitable for all application field.
- Compatible with same series connectors on the market.

Features

- Cable material: PUR, PVC.
- IP-class: IP67.
- Shield is optional.
- Wire connection is optional.
- Complaince with IEC 61076 standard.



Circular Connectors Part Number

Circular Connectors Part Number Reference

□□□□ – M8□ – □□P – □□ – □□□□□□ – □□AH

Number of Contacts
□□
03,04,05,06,08Pin

Special coding
00-Standards
01～99-Extended products

Quality grade
"H" RoHS Complaint

Coding
□ A - A-Coding
□ B - B-Coding

Connector Style
□ M- Male Connector
□ F- Female Connector

IP Class
□ 4 = IP 54
□ 5 = IP 65
□ 6 = IP 66
□ 7 = IP 67
□ 8 = IP 68

With or without Shielded
□ SH- Shielded
□ Unshielded

Contact Type
□ M - Male
□ F - Female

Serial Number
000: Phantom
Without Cable (A,B)
001: Cable OD: 4.0~6.0mm

For Panel (P,R,D)
□ 001:M10*0.75
□ 002:M8*0.5
□ 003:M8*1.0
□ 004:M12*1.0
□ 005:M8*1.0
With Cable (M)
X:
□ A-PVC UL2517 Black Cable
□ B-PU UL20549 Black Cable
□ C-PVC UL2517 Black Cable For UL
□ D-PUR UL20549 Black Cable For UL
□ E-Cate 5E Cable(2Pair/4Pair)
□ X-Cate 6A Cable
XX:01 - 1M ~
99 - 99M

Panel with wire harness
(C,D)
UL1061
X:
□ A:M10*0.75
□ B:M8*0.5
□ C:M8*1.0
□ D:M12*1.0
XX:Length (150~1500mm)
□ 15:150mm □30:300mm
□ 50:500mm

□ A0:1000mm □ A1:1100mm

Assemble Style
□ M-Molding Type
□ A-Assembly Type(Solder)
□ B-Assembly Type(Screw)
□ D-Solder Type
□ P-PCB Type (180)
□ R-PCB Type (90)
□ C-Crimping Type
□ E-Crimping Cable Type
□ L-LED Type

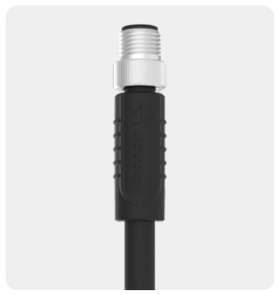
Mating Style
□ S - Screw
□ P - Push Pull

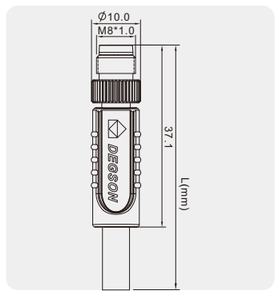
Style
□ P-Plug
(For Molding and Assembly)
□ S -Socket
(For Panel)

Back Shell
□ L - Straight (For Molding and Assembly)
□ R - Right Angle (For Molding and Assembly)
□ S - Square (For Panel)
□ F - Front Hexagonal (For Panel)
□ H - Rear Hexagonal (For Panel)
□ W - Front Circular (For Panel)
□ N - Rear Circular (For Panel)
□ P - PGP (For Crimping Cable)
□ M - M16 (For Crimping Cable)

For example:
1. M8 female plug 5Pin: PM-M8B-05P-FF-SL7A01-00A(H)
Details: Plastic covered at the end of wire,M8 B-Coding, 5Pin, female socket female Pin, thread locked, straight head, IP67, PVC black kacket.
Covered by UL2517 wire, the length of 1.0M, standard products.

M8 x 1 Male Overmolded with Cable plug,Single end,Unshielded,Straight.





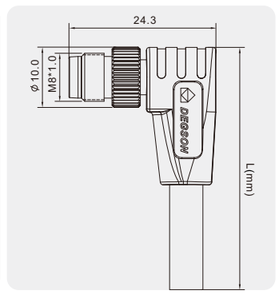
Technical Data

Standard	IEC 61076	Contact carriers material	PU / PA
Series	M8, Male,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Wire/Cable	Wire gauge	24AWG	24AWG	24AWG	26AWG	26AWG
	Cross section	0.25mm²	0.25mm²	0.25mm²	0.14mm²	0.14mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.BN 2.WH 3.BU 4.BK 5.GY 6.PK	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	1m	PM-M8A-03P-MM-SL7A01-00AH	PM-M8A-04P-MM-SL7A01-00AH	PM-M8B-05P-MM-SL7A01-00AH	PM-M8A-06P-MM-SL7A01-00AH	PM-M8A-08P-MM-SL7A01-00AH
	3m	PM-M8A-03P-MM-SL7A03-00AH	PM-M8A-04P-MM-SL7A03-00AH	PM-M8B-05P-MM-SL7A03-00AH	PM-M8A-06P-MM-SL7A03-00AH	PM-M8A-08P-MM-SL7A03-00AH
	5m	PM-M8A-03P-MM-SL7A05-00AH	PM-M8A-04P-MM-SL7A05-00AH	PM-M8B-05P-MM-SL7A05-00AH	PM-M8A-06P-MM-SL7A05-00AH	PM-M8A-08P-MM-SL7A05-00AH
	Customized	.....	.....	.....	.....	.....
PUR	1m	PM-M8A-03P-MM-SL7B01-00AH	PM-M8A-04P-MM-SL7B01-00AH	PM-M8B-05P-MM-SL7B01-00AH	PM-M8A-06P-MM-SL7B01-00AH	PM-M8A-08P-MM-SL7B01-00AH
	3m	PM-M8A-03P-MM-SL7B03-00AH	PM-M8A-04P-MM-SL7B03-00AH	PM-M8B-05P-MM-SL7B03-00AH	PM-M8A-06P-MM-SL7B03-00AH	PM-M8A-08P-MM-SL7B03-00AH
	5m	PM-M8A-03P-MM-SL7B05-00AH	PM-M8A-04P-MM-SL7B05-00AH	PM-M8B-04P-MM-SL7B05-00AH	PM-M8A-06P-MM-SL7B05-00AH	PM-M8A-08P-MM-SL7B05-00AH
	Customized	.....	.....	.....	.....	.....
cULus PVC	1m	PM-M8A-03P-MM-SL7C01-00AH	PM-M8A-04P-MM-SL7C01-00AH	PM-M8B-05P-MM-SL7C01-00AH	PM-M8A-06P-MM-SL7C01-00AH	PM-M8A-08P-MM-SL7C01-00AH
	3m	PM-M8A-03P-MM-SL7C03-00AH	PM-M8A-04P-MM-SL7C03-00AH	PM-M8B-05P-MM-SL7C03-00AH	PM-M8A-06P-MM-SL7C03-00AH	PM-M8A-08P-MM-SL7C03-00AH
	5m	PM-M8A-03P-MM-SL7C05-00AH	PM-M8A-04P-MM-SL7C05-00AH	PM-M8B-05P-MM-SL7C05-00AH	PM-M8A-06P-MM-SL7C05-00AH	PM-M8A-08P-MM-SL7C05-00AH
	Customized	.....	.....	.....	.....	.....
cULus PUR	1m	PM-M8A-03P-MM-SL7D01-00AH	PM-M8A-04P-MM-SL7D01-00AH	PM-M8B-05P-MM-SL7D01-00AH	PM-M8A-06P-MM-SL7D01-00AH	PM-M8A-08P-MM-SL7D01-00AH
	3m	PM-M8A-03P-MM-SL7D03-00AH	PM-M8A-04P-MM-SL7D03-00AH	PM-M8B-05P-MM-SL7D03-00AH	PM-M8A-06P-MM-SL7D03-00AH	PM-M8A-08P-MM-SL7D03-00AH
	5m	PM-M8A-03P-MM-SL7D05-00AH	PM-M8A-04P-MM-SL7D05-00AH	PM-M8B-04P-MM-SL7D05-00AH	PM-M8A-06P-MM-SL7D05-00AH	PM-M8A-08P-MM-SL7D05-00AH
	Customized	.....	.....	.....	.....	.....

M8 x 1 Male Overmolded with Cable plug,Single end,Unshielded,Angled.





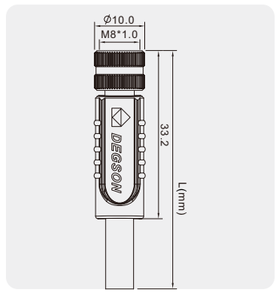
Technical Data

Standard	IEC 61076	Contact carriers material	PU / PA
Series	M8, Male,Angled	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Wire/Cable	Wire gauge	24AWG	24AWG	24AWG	26AWG	26AWG
	Cross section	0.25mm²	0.25mm²	0.25mm²	0.14mm²	0.14mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.BN 2.WH 3.BU 4.BK 5.GY 6.PK	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	1m	PM-M8A-03P-MM-SR7A01-00AH	PM-M8A-04P-MM-SR7A01-00AH	PM-M8B-05P-MM-SR7A01-00AH	PM-M8A-06P-MM-SR7A01-00AH	PM-M8A-08P-MM-SR7A01-00AH
	3m	PM-M8A-03P-MM-SR7A03-00AH	PM-M8A-04P-MM-SR7A03-00AH	PM-M8B-05P-MM-SR7A03-00AH	PM-M8A-06P-MM-SR7A03-00AH	PM-M8A-08P-MM-SR7A03-00AH
	5m	PM-M8A-03P-MM-SR7A05-00AH	PM-M8A-04P-MM-SR7A05-00AH	PM-M8B-05P-MM-SR7A05-00AH	PM-M8A-06P-MM-SR7A05-00AH	PM-M8A-08P-MM-SR7A05-00AH
	Customized	.....	.....	.....	.....	.....
PUR	1m	PM-M8A-03P-MM-SR7B01-00AH	PM-M8A-04P-MM-SR7B01-00AH	PM-M8B-05P-MM-SR7B01-00AH	PM-M8A-06P-MM-SR7B01-00AH	PM-M8A-08P-MM-SR7B01-00AH
	3m	PM-M8A-03P-MM-SR7B03-00AH	PM-M8A-04P-MM-SR7B03-00AH	PM-M8B-05P-MM-SR7B03-00AH	PM-M8A-06P-MM-SR7B03-00AH	PM-M8A-08P-MM-SR7B03-00AH
	5m	PM-M8A-03P-MM-SR7B05-00AH	PM-M8A-04P-MM-SR7B05-00AH	PM-M8B-04P-MM-SR7B05-00AH	PM-M8A-06P-MM-SR7B05-00AH	PM-M8A-08P-MM-SR7B05-00AH
	Customized	.....	.....	.....	.....	.....
cULus PVC	1m	PM-M8A-03P-MM-SR7C01-00AH	PM-M8A-04P-MM-SR7C01-00AH	PM-M8B-05P-MM-SR7C01-00AH	PM-M8A-06P-MM-SR7C01-00AH	PM-M8A-08P-MM-SR7C01-00AH
	3m	PM-M8A-03P-MM-SR7C03-00AH	PM-M8A-04P-MM-SR7C03-00AH	PM-M8B-05P-MM-SR7C03-00AH	PM-M8A-06P-MM-SR7C03-00AH	PM-M8A-08P-MM-SR7C03-00AH
	5m	PM-M8A-03P-MM-SR7C05-00AH	PM-M8A-04P-MM-SR7C05-00AH	PM-M8B-05P-MM-SR7C05-00AH	PM-M8A-06P-MM-SR7C05-00AH	PM-M8A-08P-MM-SR7C05-00AH
	Customized	.....	.....	.....	.....	.....
cULus PUR	1m	PM-M8A-03P-MM-SR7D01-00AH	PM-M8A-04P-MM-SR7D01-00AH	PM-M8B-05P-MM-SR7D01-00AH	PM-M8A-06P-MM-SR7D01-00AH	PM-M8A-08P-MM-SR7D01-00AH
	3m	PM-M8A-03P-MM-SR7D03-00AH	PM-M8A-04P-MM-SR7D03-00AH	PM-M8B-05P-MM-SR7D03-00AH	PM-M8A-06P-MM-SR7D03-00AH	PM-M8A-08P-MM-SR7D03-00AH
	5m	PM-M8A-03P-MM-SR7D05-00AH	PM-M8A-04P-MM-SR7D05-00AH	PM-M8B-04P-MM-SR7D05-00AH	PM-M8A-06P-MM-SR7D05-00AH	PM-M8A-08P-MM-SR7D05-00AH
	Customized	.....	.....	.....	.....	.....

M8 x 1 Female Overmolded with Cable plug,Single end,Unshielded,Straight.



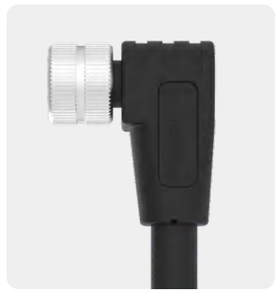


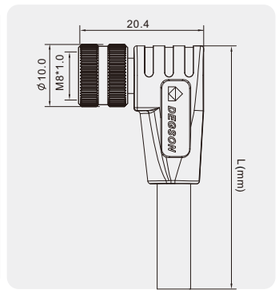
Technical Data

Standard	IEC 61076	Contact carriers material	PU / PA
Series	M8, Female,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Wire/Cable	Wire gauge	24AWG	24AWG	24AWG	26AWG	26AWG
	Cross section	0.25mm²	0.25mm²	0.25mm²	0.14mm²	0.14mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.BN 2.WH 3.BU 4.BK 5.GY 6.PK	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	1m	PM-M8A-03P-FF-SL7A01-00AH	PM-M8A-04P-FF-SL7A01-00AH	PM-M8B-05P-FF-SL7A01-00AH	PM-M8A-06P-FF-SL7A01-00AH	PM-M8A-08P-FF-SL7A01-00AH
	3m	PM-M8A-03P-FF-SL7A03-00AH	PM-M8A-04P-FF-SL7A03-00AH	PM-M8B-05P-FF-SL7A03-00AH	PM-M8A-06P-FF-SL7A03-00AH	PM-M8A-08P-FF-SL7A03-00AH
	5m	PM-M8A-03P-FF-SL7A05-00AH	PM-M8A-04P-FF-SL7A05-00AH	PM-M8B-05P-FF-SL7A05-00AH	PM-M8A-06P-FF-SL7A05-00AH	PM-M8A-08P-FF-SL7A05-00AH
	Customized	.....	.....	.....	.....	.....
PUR	1m	PM-M8A-03P-FF-SL7B01-00AH	PM-M8A-04P-FF-SL7B01-00AH	PM-M8B-05P-FF-SL7B01-00AH	PM-M8A-06P-FF-SL7B01-00AH	PM-M8A-08P-FF-SL7B01-00AH
	3m	PM-M8A-03P-FF-SL7B03-00AH	PM-M8A-04P-FF-SL7B03-00AH	PM-M8B-05P-FF-SL7B03-00AH	PM-M8A-06P-FF-SL7B03-00AH	PM-M8A-08P-FF-SL7B03-00AH
	5m	PM-M8A-03P-FF-SL7B05-00AH	PM-M8A-04P-FF-SL7B05-00AH	PM-M8B-04P-FF-SL7B05-00AH	PM-M8A-06P-FF-SL7B05-00AH	PM-M8A-08P-FF-SR7B05-00AH
	Customized	.....	.....	.....	.....	.....
PVC	1m	PM-M8A-03P-FF-SL7C01-00AH	PM-M8A-04P-FF-SL7C01-00AH	PM-M8B-05P-FF-SL7C01-00AH	PM-M8A-06P-FF-SL7C01-00AH	PM-M8A-08P-FF-SL7A01-00AH
	3m	PM-M8A-03P-FF-SL7C03-00AH	PM-M8A-04P-FF-SL7C03-00AH	PM-M8B-05P-FF-SL7C03-00AH	PM-M8A-06P-FF-SL7C03-00AH	PM-M8A-08P-FF-SL7A03-00AH
	5m	PM-M8A-03P-FF-SL7C05-00AH	PM-M8A-04P-FF-SL7C05-00AH	PM-M8B-05P-FF-SL7C05-00AH	PM-M8A-06P-FF-SL7C05-00AH	PM-M8A-08P-FF-SL7A05-00AH
	Customized	.....	.....	.....	.....	.....
PUR	1m	PM-M8A-03P-FF-SL7D01-00AH	PM-M8A-04P-FF-SL7D01-00AH	PM-M8B-05P-FF-SL7D01-00AH	PM-M8A-06P-FF-SL7D01-00AH	PM-M8A-08P-FF-SL7D01-00AH
	3m	PM-M8A-03P-FF-SL7D03-00AH	PM-M8A-04P-FF-SL7D03-00AH	PM-M8B-05P-FF-SL7D03-00AH	PM-M8A-06P-FF-SL7D03-00AH	PM-M8A-08P-FF-SL7D03-00AH
	5m	PM-M8A-03P-FF-SL7D05-00AH	PM-M8A-04P-FF-SL7D05-00AH	PM-M8B-04P-FF-SL7D05-00AH	PM-M8A-06P-FF-SL7D05-00AH	PM-M8A-08P-FF-SL7D05-00AH
	Customized	.....	.....	.....	.....	.....

M8 x 1 Female Overmolded with Cable plug, Single end,Unshielded,Angled.





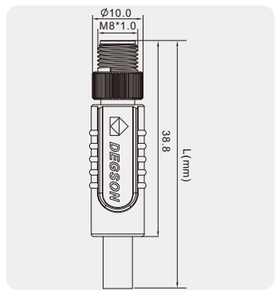
Technical Data

Standard	IEC 61076	Contact carriers material	PU / PA
Series	M8, Female,Angled	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Wire/Cable	Wire gauge	24AWG	24AWG	24AWG	26AWG	26AWG
	Cross section	0.25mm²	0.25mm²	0.25mm²	0.14mm²	0.14mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.BN 2.WH 3.BU 4.BK 5.GY 6.PK	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	1m	PM-M8A-03P-FF-SR7A01-00AH	PM-M8A-04P-FF-SR7A01-00AH	PM-M8B-05P-FF-SR7A01-00AH	PM-M8A-06P-FF-SR7A01-00AH	PM-M8A-08P-FF-SR7A01-00AH
	3m	PM-M8A-03P-FF-SR7A03-00AH	PM-M8A-04P-FF-SR7A03-00AH	PM-M8B-05P-FF-SR7A03-00AH	PM-M8A-06P-FF-SR7A03-00AH	PM-M8A-08P-FF-SR7A03-00AH
	5m	PM-M8A-03P-FF-SR7A05-00AH	PM-M8A-04P-FF-SR7A05-00AH	PM-M8B-05P-FF-SR7A05-00AH	PM-M8A-06P-FF-SR7A05-00AH	PM-M8A-08P-FF-SR7A05-00AH
	Customized	.....	.....	.....	.....	.....
PUR	1m	PM-M8A-03P-FF-SR7B01-00AH	PM-M8A-04P-FF-SR7B01-00AH	PM-M8B-05P-FF-SR7B01-00AH	PM-M8A-06P-FF-SR7B01-00AH	PM-M8A-08P-FF-SR7B01-00AH
	3m	PM-M8A-03P-FF-SR7B03-00AH	PM-M8A-04P-FF-SR7B03-00AH	PM-M8B-05P-FF-SR7B03-00AH	PM-M8A-06P-FF-SR7B03-00AH	PM-M8A-08P-FF-SR7B03-00AH
	5m	PM-M8A-03P-FF-SR7B05-00AH	PM-M8A-04P-FF-SR7B05-00AH	PM-M8B-04P-FF-SR7B05-00AH	PM-M8A-06P-FF-SR7B05-00AH	PM-M8A-08P-FF-SR7B05-00AH
	Customized	.....	.....	.....	.....	.....
PVC	1m	PM-M8A-03P-FF-SR7C01-00AH	PM-M8A-04P-FF-SR7C01-00AH	PM-M8B-05P-FF-SR7C01-00AH	PM-M8A-06P-FF-SR7C01-00AH	PM-M8A-08P-FF-SR7C01-00AH
	3m	PM-M8A-03P-FF-SR7C03-00AH	PM-M8A-04P-FF-SR7C03-00AH	PM-M8B-05P-FF-SR7C03-00AH	PM-M8A-06P-FF-SR7C03-00AH	PM-M8A-08P-FF-SR7C03-00AH
	5m	PM-M8A-03P-FF-SR7C05-00AH	PM-M8A-04P-FF-SR7C05-00AH	PM-M8B-05P-FF-SR7C05-00AH	PM-M8A-06P-FF-SR7C05-00AH	PM-M8A-08P-FF-SR7C05-00AH
	Customized	.....	.....	.....	.....	.....
PUR	1m	PM-M8A-03P-FF-SR7D01-00AH	PM-M8A-04P-FF-SR7D01-00AH	PM-M8B-05P-FF-SR7D01-00AH	PM-M8A-06P-FF-SR7D01-00AH	PM-M8A-08P-FF-SR7D01-00AH
	3m	PM-M8A-03P-FF-SR7D03-00AH	PM-M8A-04P-FF-SR7D03-00AH	PM-M8B-05P-FF-SR7D03-00AH	PM-M8A-06P-FF-SR7D03-00AH	PM-M8A-08P-FF-SR7D03-00AH
	5m	PM-M8A-03P-FF-SR7D05-00AH	PM-M8A-04P-FF-SR7D05-00AH	PM-M8B-04P-FF-SR7D05-00AH	PM-M8A-06P-FF-SR7D05-00AH	PM-M8A-08P-FF-SR7D05-00AH
	Customized	.....	.....	.....	.....	.....

M8 x 1 Male Overmolded with Cable plug, Single end, Shielded, Straight.





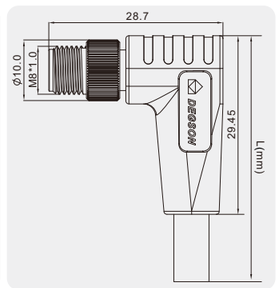
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M8, Male,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Shielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Wire/Cable	Wire gauge	24AWG	24AWG	24AWG	26AWG	26AWG
	Cross section	0.25mm²	0.25mm²	0.25mm²	0.14mm²	0.14mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.BN 2.WH 3.BU 4.BK 5.GY 6.PK	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	1m	PMSH-M8A-03P-MM-SL7C01-00AH	PMSH-M8A-04P-MM-SL7C01-00AH	PMSH-M8B-05P-MM-SL7C01-00AH	PMSH-M8A-06P-MM-SL7C01-00AH	PMSH-M8A-08P-MM-SL7C01-00AH
	3m	PMSH-M8A-03P-MM-SL7C03-00AH	PMSH-M8A-04P-MM-SL7C03-00AH	PMSH-M8B-05P-MM-SL7C03-00AH	PMSH-M8A-06P-MM-SL7C03-00AH	PMSH-M8A-08P-MM-SL7C03-00AH
	5m	PMSH-M8A-03P-MM-SL7C05-00AH	PMSH-M8A-04P-MM-SL7C05-00AH	PMSH-M8B-05P-MM-SL7C05-00AH	PMSH-M8A-06P-MM-SL7C05-00AH	PMSH-M8A-08P-MM-SL7C05-00AH
	Customized	.....	.....	.....	.....	.....
PUR	1m	PMSH-M8A-03P-MM-SL7D01-00AH	PMSH-M8A-04P-MM-SL7D01-00AH	PMSH-M8B-05P-MM-SL7D01-00AH	PMSH-M8A-06P-MM-SL7D01-00AH	PMSH-M8A-08P-MM-SL7D01-00AH
	3m	PMSH-M8A-03P-MM-SL7D03-00AH	PMSH-M8A-04P-MM-SL7D03-00AH	PMSH-M8B-05P-MM-SL7D03-00AH	PMSH-M8A-06P-MM-SL7D03-00AH	PMSH-M8A-08P-MM-SL7D03-00AH
	5m	PMSH-M8A-03P-MM-SL7D05-00AH	PMSH-M8A-04P-MM-SL7D05-00AH	PMSH-M8B-04P-MM-SL7D05-00AH	PMSH-M8A-06P-MM-SL7D05-00AH	PMSH-M8A-08P-MM-SL7D05-00AH
	Customized	.....	.....	.....	.....	.....

M8 x 1 Male Overmolded with Cable plug, Single end, Shielded, Angled.





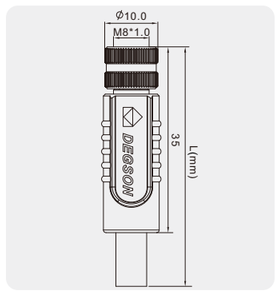
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M8, Male,Angled	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Shielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Wire/Cable	Wire gauge	24AWG	24AWG	24AWG	26AWG	26AWG
	Cross section	0.25mm²	0.25mm²	0.25mm²	0.14mm²	0.14mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.BN 2.WH 3.BU 4.BK 5.GY 6.PK	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	1m	PMSH-M8A-03P-MM-SR7C01-00AH	PMSH-M8A-04P-MM-SR7C01-00AH	PMSH-M8B-05P-MM-SR7C01-00AH	PMSH-M8A-06P-MM-SR7C01-00AH	PMSH-M8A-08P-MM-SR7C01-00AH
	3m	PMSH-M8A-03P-MM-SR7C03-00AH	PMSH-M8A-04P-MM-SR7C03-00AH	PMSH-M8B-05P-MM-SR7C03-00AH	PMSH-M8A-06P-MM-SR7C03-00AH	PMSH-M8A-08P-MM-SR7C03-00AH
	5m	PMSH-M8A-03P-MM-SR7C05-00AH	PMSH-M8A-04P-MM-SR7C05-00AH	PMSH-M8B-05P-MM-SR7C05-00AH	PMSH-M8A-06P-MM-SR7C05-00AH	PMSH-M8A-08P-MM-SR7C05-00AH
	Customized	.....	.....	.....	.....	.....
PUR	1m	PMSH-M8A-03P-MM-SR7D01-00AH	PMSH-M8A-04P-MM-SR7D01-00AH	PMSH-M8B-05P-MM-SR7D01-00AH	PMSH-M8A-06P-MM-SR7D01-00AH	PMSH-M8A-08P-MM-SR7D01-00AH
	3m	PMSH-M8A-03P-MM-SR7D03-00AH	PMSH-M8A-04P-MM-SR7D03-00AH	PMSH-M8B-05P-MM-SR7D03-00AH	PMSH-M8A-06P-MM-SR7D03-00AH	PMSH-M8A-08P-MM-SR7D03-00AH
	5m	PMSH-M8A-03P-MM-SR7D05-00AH	PMSH-M8A-04P-MM-SR7D05-00AH	PMSH-M8B-04P-MM-SR7D05-00AH	PMSH-M8A-06P-MM-SR7D05-00AH	PMSH-M8A-08P-MM-SR7D05-00AH
	Customized	.....	.....	.....	.....	.....

M8 x 1 Female Overmolded with Cable plug,Single end,shielded,Straight .



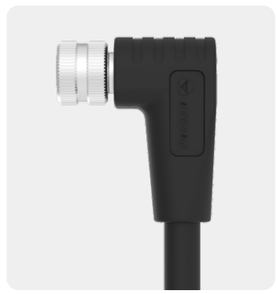


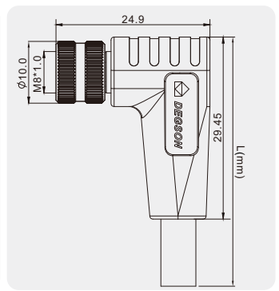
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M8, Female,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Shielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Wire/Cable	Wire gauge	24AWG	24AWG	24AWG	26AWG	26AWG
	Cross section	0.25mm²	0.25mm²	0.25mm²	0.14mm²	0.14mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.BN 2.WH 3.BU 4.BK 5.GY 6.PK	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	1m	PMSH-M8A-03P-FF-SL7C01-00AH	PMSH-M8A-04P-FF-SL7C01-00AH	PMSH-M8B-05P-FF-SL7C01-00AH	PMSH-M8A-06P-FF-SL7C01-00AH	PMSH-M8A-08P-FF-SL7C01-00AH
	3m	PMSH-M8A-03P-FF-SL7C03-00AH	PMSH-M8A-04P-FF-SL7C03-00AH	PMSH-M8B-05P-FF-SL7C03-00AH	PMSH-M8A-06P-FF-SL7C03-00AH	PMSH-M8A-08P-FF-SL7C03-00AH
	5m	PMSH-M8A-03P-FF-SL7C05-00AH	PMSH-M8A-04P-FF-SL7C05-00AH	PMSH-M8B-05P-FF-SL7C05-00AH	PMSH-M8A-06P-FF-SL7C05-00AH	PMSH-M8A-08P-FF-SL7C05-00AH
	Customized	.....	.....	.....	.....	.....
PUR	1m	PMSH-M8A-03P-FF-SL7D01-00AH	PMSH-M8A-04P-FF-SL7D01-00AH	PMSH-M8B-05P-FF-SL7D01-00AH	PMSH-M8A-06P-FF-SL7D01-00AH	PMSH-M8A-08P-FF-SL7D01-00AH
	3m	PMSH-M8A-03P-FF-SL7D03-00AH	PMSH-M8A-04P-FF-SL7D03-00AH	PMSH-M8B-05P-FF-SL7D03-00AH	PMSH-M8A-06P-FF-SL7D03-00AH	PMSH-M8A-08P-FF-SL7D03-00AH
	5m	PMSH-M8A-03P-FF-SL7D05-00AH	PMSH-M8A-04P-FF-SL7D05-00AH	PMSH-M8B-04P-FF-SL7D05-00AH	PMSH-M8A-06P-FF-SL7D05-00AH	PMSH-M8A-08P-FF-SL7D05-00AH
	Customized	.....	.....	.....	.....	.....

M8 x 1 Female Overmolded with Cable plug,Single end.Shielded, Angled.





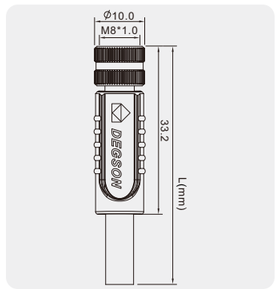
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M8, Female,Angled	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Shielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Wire/Cable	Wire gauge	24AWG	24AWG	24AWG	26AWG	26AWG
	Cross section	0.25mm²	0.25mm²	0.25mm²	0.14mm²	0.14mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.BN 2.WH 3.BU 4.BK 5.GY 6.PK	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	1m	PMSH-M8A-03P-FF-SR7C01-00AH	PMSH-M8A-04P-FF-SR7C01-00AH	PMSH-M8B-05P-FF-SR7C01-00AH	PMSH-M8A-06P-FF-SR7C01-00AH	PMSH-M8A-08P-FF-SR7C01-00AH
	3m	PMSH-M8A-03P-FF-SR7C03-00AH	PMSH-M8A-04P-FF-SR7C03-00AH	PMSH-M8B-05P-FF-SR7C03-00AH	PMSH-M8A-06P-FF-SR7C03-00AH	PMSH-M8A-08P-FF-SR7C03-00AH
	5m	PMSH-M8A-03P-FF-SR7C05-00AH	PMSH-M8A-04P-FF-SR7C05-00AH	PMSH-M8B-05P-FF-SR7C05-00AH	PMSH-M8A-06P-FF-SR7C05-00AH	PMSH-M8A-08P-FF-SR7C05-00AH
	定制化 Customized	.....	.....	.....	.....	.....
PUR	1m	PMSH-M8A-03P-FF-SR7D01-00AH	PMSH-M8A-04P-FF-SR7D01-00AH	PMSH-M8B-05P-FF-SR7D01-00AH	PMSH-M8A-06P-FF-SR7D01-00AH	PMSH-M8A-08P-FF-SR7D01-00AH
	3m	PMSH-M8A-03P-FF-SR7D03-00AH	PMSH-M8A-04P-FF-SR7D03-00AH	PMSH-M8B-05P-FF-SR7D03-00AH	PMSH-M8A-06P-FF-SR7D03-00AH	PMSH-M8A-08P-FF-SR7D03-00AH
	5m	PMSH-M8A-03P-FF-SR7D05-00AH	PMSH-M8A-04P-FF-SR7D05-00AH	PMSH-M8B-04P-FF-SR7D05-00AH	PMSH-M8A-06P-FF-SR7D05-00AH	PMSH-M8A-08P-FF-SR7D05-00AH
	定制化 Customized	.....	.....	.....	.....	.....

M8 x 1 Female Overmolded with Cable plug,Single end,Unshielded,Straight,LED .



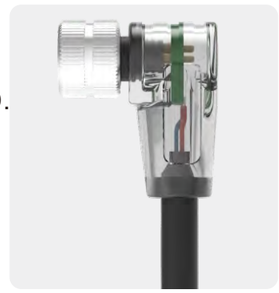


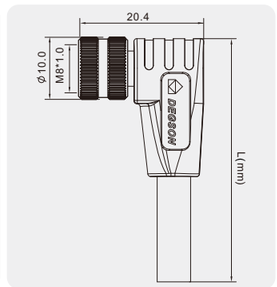
Technical Data

Standard	IEC 61076	Contact carriers material	PU
Series	M8, Female,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	3A	3A
Rated voltage	V.	60V	60V
Wire/Cable	Wire gauge	24AWG	24AWG
	Cross section	0.25mm²	0.25mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK
Description		Order NO .	Order NO .
PVC	1m	PL-M8A-03P-FF-SL7A01-00AH	PL-M8A-04P-FF-SL7A01-00AH
	3m	PL-M8A-03P-FF-SL7A03-00AH	PL-M8A-04P-FF-SL7A03-00AH
	5m	PL-M8A-03P-FF-SL7A05-00AH	PL-M8A-04P-FF-SL7A05-00AH
	Customized	·····	·····
PUR	1m	PL-M8A-03P-FF-SL7B01-00AH	PL-M8A-04P-FF-SL7B01-00AH
	3m	PL-M8A-03P-FF-SL7B03-00AH	PL-M8A-04P-FF-SL7B03-00AH
	5m	PL-M8A-03P-FF-SL7B05-00AH	PL-M8A-04P-FF-SL7B05-00AH
	Customized	·····	·····

M8 x 1 Female Overmolded with Cable plug,Single end.Unshielded, Angled,LED.





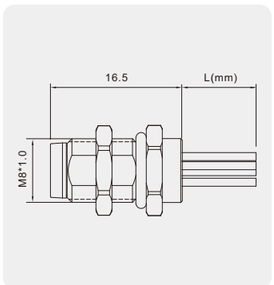
Technical Data

Standard	IEC 61076	Contact carriers material	PU
Series	M8, Female,Angled	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	3A	3A
Rated voltage	V.	60V	60V
Wire/Cable	Wire gauge	24AWG	24AWG
	Cross section	0.25mm²	0.25mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK
Description		Order NO .	Order NO .
PVC	1m	PL-M8A-03P-FF-SR7A01-00AH	PL-M8A-04P-FF-SR7A01-00AH
	3m	PL-M8A-03P-FF-SR7A03-00AH	PL-M8A-04P-FF-SR7A03-00AH
	5m	PL-M8A-03P-FF-SR7A05-00AH	PL-M8A-04P-FF-SR7A05-00AH
	Customized	·····	·····
PUR	1m	PL-M8A-03P-FF-SR7B01-00AH	PL-M8A-04P-FF-SR7B01-00AH
	3m	PL-M8A-03P-FF-SR7B03-00AH	PL-M8A-04P-FF-SR7B03-00AH
	5m	PL-M8A-03P-FF-SR7B05-00AH	PL-M8A-04P-FF-SR7B05-00AH
	Customized	·····	·····

M8 x 1 Male Panel Mount Receptacle,
Rear Mounting,with 0.5m wires.





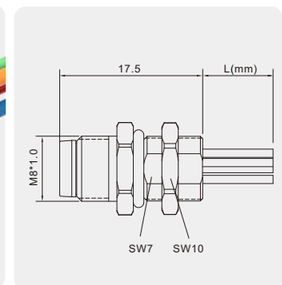
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M8, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Wire/Cable	Wire gauge	24AWG	24AWG	24AWG	26AWG	26AWG
	Cross section	0.25mm²	0.25mm²	0.25mm²	0.14mm²	0.14mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.BN 2.WH 3.BU 4.BK 5.GY 6.PK	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
0.5m		SD-M8A-03P-MM-SF7C50-00AH	SD-M8A-04P-MM-SF7C50-00AH	SD-M8B-05P-MM-SF7C50-00AH	SD-M8A-06P-MM-SF7C50-00AH	SD-M8A-08P-MM-SF7C50-00AH
Customized		·····	·····	·····	·····	·····

M8 x 1 Male Panel Mount Receptacle,
Front Mounting,with 0.5m wires.





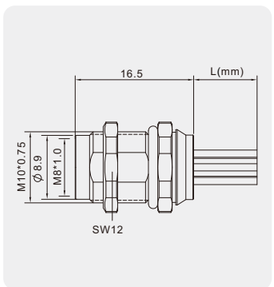
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M8, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Wire/Cable	Wire gauge	24AWG	24AWG	24AWG	26AWG	26AWG
	Cross section	0.25mm²	0.25mm²	0.25mm²	0.14mm²	0.14mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.BN 2.WH 3.BU 4.BK 5.GY 6.PK	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description		Order NO .	Order NO .	Order NO .	Order NO .	订单号 Order NO .
0.5m		SD-M8A-03P-MM-SH7B50-00AH	SD-M8A-04P-MM-SH7B50-00AH	SD-M8B-05P-MM-SH7B50-00AH	SD-M8A-06P-MM-SH7B50-00AH	SD-M8A-08P-MM-SH7B50-00AH
Customized		·····	·····	·····	·····	·····

M8 x 1 Female Panel Mount Receptacle ,Rear Mounting,with 0.5m wires.





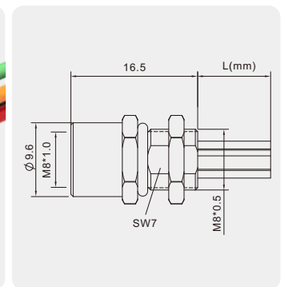
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M8, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Wire/Cable	Wire gauge	24AWG	24AWG	24AWG	26AWG	26AWG
	Cross section	0.25mm²	0.25mm²	0.25mm²	0.14mm²	0.14mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.BN 2.WH 3.BU 4.BK 5.GY 6.PK	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
0.5m		SD-M8A-03P-FF-SF7A50-00AH	SD-M8A-04P-FF-SF7A50-00AH	SD-M8B-05P-FF-SF7A50-00AH	SD-M8A-06P-FF-SF7A50-00AH	SD-M8A-08P-FF-SF7A50-00AH
Customized		·····	·····	·····	·····	·····

M8 x 1 Female Panel Mount Receptacle,Front Mounting,with 0.5m wires.





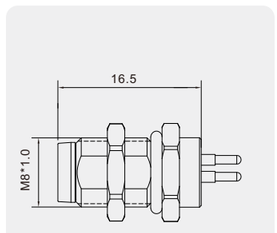
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M8, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Wire/Cable	Wire gauge	24AWG	24AWG	24AWG	26AWG	26AWG
	Cross section	0.25mm²	0.25mm²	0.25mm²	0.14mm²	0.14mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.BN 2.WH 3.BU 4.BK 5.GY 6.PK	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
0.5m		SD-M8A-03P-FF-SH7B50-00AH	SD-M8A-04P-FF-SH7B50-00AH	SD-M8B-05P-FF-SH7B50-00AH	SD-M8A-06P-FF-SH7B50-00AH	SD-M8A-08P-FF-SH7B50-00AH
Customized		·····	·····	·····	·····	·····

M8 x 1 Male Panel Mount Receptacle, Rear Mounting,Unshielded,PCB Soldering.



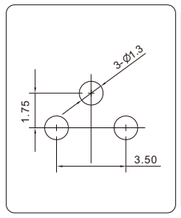


Technical Data

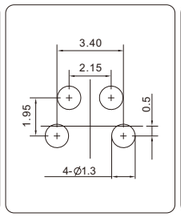
Standard	IEC 61076	Contact carriers material	PA
Series	M8, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
—		SP-M8A-03P-MM-SF7003-00AH	SP-M8A-04P-MM-SF7003-00AH	SP-M8B-05P-MM-SF7003-00AH	SP-M8A-06P-MM-SF7003-00AH	SP-M8A-08P-MM-SF7003-00AH
Customized		·····	·····	·····	·····	·····

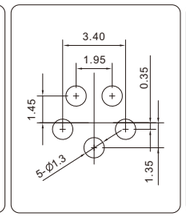
Dimension Figure



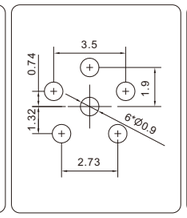
PCB Layout



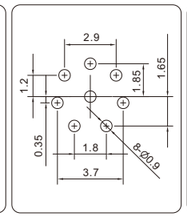
PCB Layout



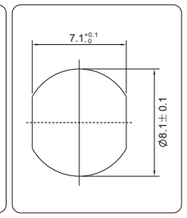
PCB Layout



PCB Layout



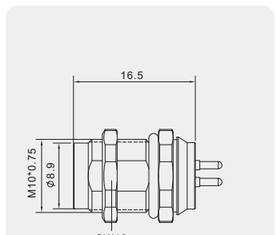
PCB Layout



Panel Cut-Out

M8 x 1 Female Panel Mount Receptacle, Rear Mounting,Unshielded,PCB Soldering.



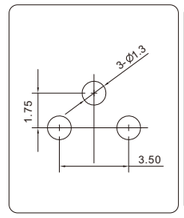


Technical Data

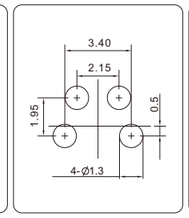
Standard	IEC 61076	Contact carriers material	PA
Series	M8, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
—		SP-M8A-03P-FF-SF7001-00AH	SP-M8A-04P-FF-SF7001-00AH	SP-M8B-05P-FF-SF7001-00AH	SP-M8A-06P-FF-SF7001-00AH	SP-M8A-08P-FF-SF7001-00AH
Customized		·····	·····	·····	·····	·····

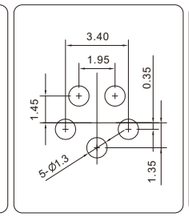
Dimension Figure



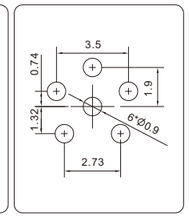
PCB Layout



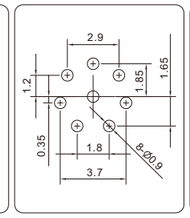
PCB Layout



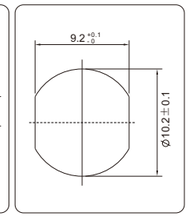
PCB Layout



PCB Layout



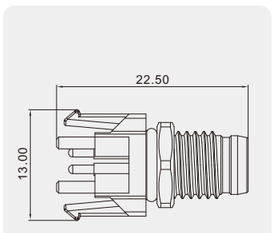
PCB Layout



Panel Cut-Out

M8 x 1 Male Panel Mount Receptacle, Rear Mounting,Unshielded,PCB Soldering.



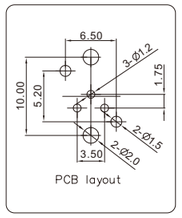


Technical Data

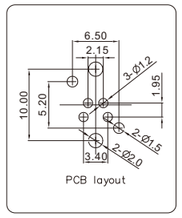
Standard	IEC 61076	Contact carriers material	PA
Series	M8, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	3A	3A
Rated voltage	V.	60V	60V
Description		Order NO .	Order NO .
—		SP-M8A-03P-MM-SF7005-00AH	SP-M8A-04P-MM-SF7005-00AH
Customized		·····	·····

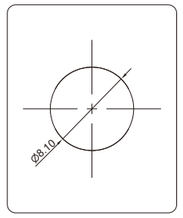
Dimension Figure



PCB Layout



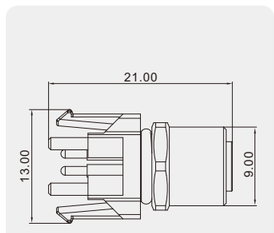
PCB Layout



Panel Cut-Out

M8 x 1 Female Panel Mount Receptacle, Rear Mounting,Unshielded,PCB Soldering.



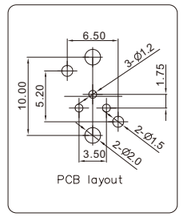


Technical Data

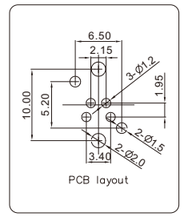
Standard	IEC 61076	Contact carriers material	PA
Series	M8, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	3A	3A
Rated voltage	V.	60V	60V
Description		Order NO .	Order NO .
—		SP-M8A-03P-FF-SF7005-00AH	SP-M8A-04P-FF-SF7005-00AH
Customized		·····	·····

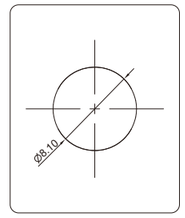
Dimension Figure



PCB Layout



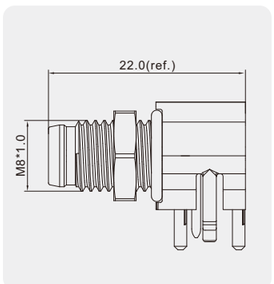
PCB Layout



Panel Cut-Out

M8 x 1 Male Panel Mount Receptacle, Rear Mounting,Unshielded,PCB Soldering.



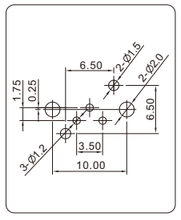


Technical Data

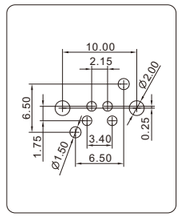
Standard	IEC 61076	Contact carriers material	PA
Series	M8, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	3A	3A
Rated voltage	V.	60V	60V
Description		Order NO .	Order NO .
—		SR-M8A-03P-MM-SF7005-00AH	SR-M8A-04P-MM-SF7005-00AH
Customized		·····	·····

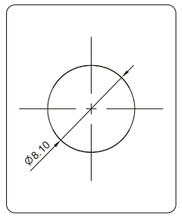
Dimension Figure



PCB Layout



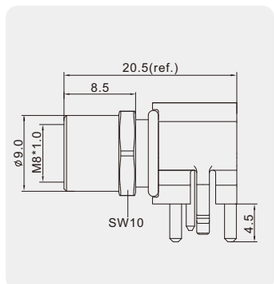
PCB Layout



Panel Cut-Out

M8 x 1 Female Panel Mount Receptacle, Rear Mounting,Unshielded,PCB Soldering.



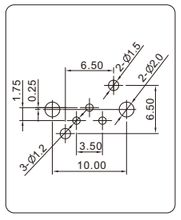


Technical Data

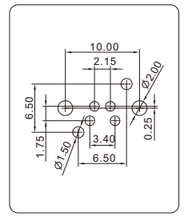
Standard	IEC 61076	Contact carriers material	PA
Series	M8, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	3A	3A
Rated voltage	V.	60V	60V
Description		Order NO .	Order NO .
—		SR-M8A-03P-FF-SF7005-00AH	SR-M8A-04P-FF-SF7005-00AH
Customized		·····	·····

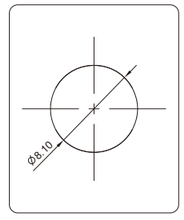
Dimension Figure



PCB Layout



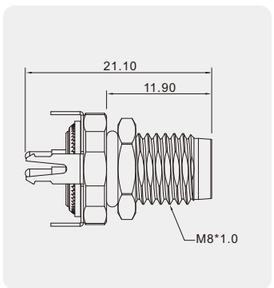
PCB Layout



Panel Cut-Out

M8 x 1 Male Panel Mount Receptacle, Rear Mounting,Shielded,PCB Soldering.



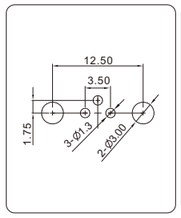


Technical Data

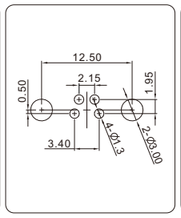
Standard	IEC 61076	Contact carriers material	PA
Series	M8, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
—		SPSH-M8A-03P-MM-SF7003-00AH	SPSH-M8A-04P-MM-SF7003-00AH	SPSH-M8B-05P-MM-SF7003-00AH	SPSH-M8A-06P-MM-SF7003-00AH	SPSH-M8A-08P-MM-SF7003-00AH
Customized		·····	·····	·····	·····	·····

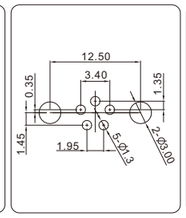
Dimension Figure



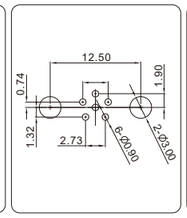
PCB Layout



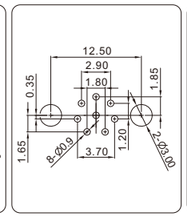
PCB Layout



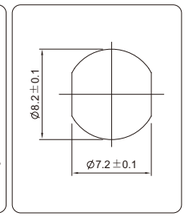
PCB Layout



PCB Layout



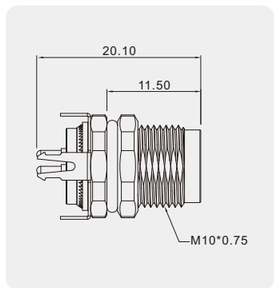
PCB Layout



Panel Cut-Out

M8 x 1 Female Panel Mount Receptacle, Rear Mounting,Shielded,PCB Soldering.



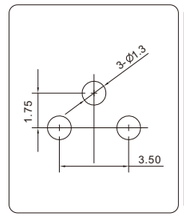


Technical Data

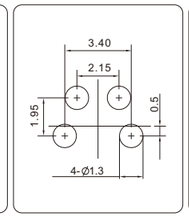
Standard	IEC 61076	Contact carriers material	PA
Series	M8, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
—		SPSH-M8A-03P-FF-SF7001-00AH	SPSH-M8A-04P-FF-SF7001-00AH	SPSH-M8B-05P-FF-SF7001-00AH	SPSH-M8A-06P-FF-SF7001-00AH	SPSH-M8A-08P-FF-SF7001-00AH
Customized		·····	·····	·····	·····	·····

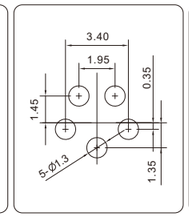
Dimension Figure



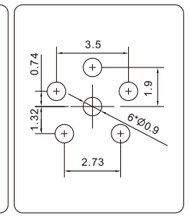
PCB Layout



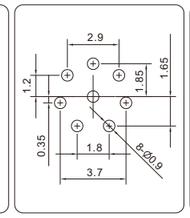
PCB Layout



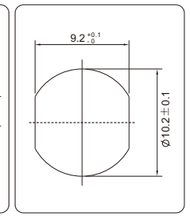
PCB Layout



PCB Layout



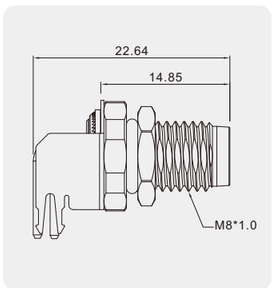
PCB Layout



Panel Cut-Out

M8 x 1 Male Panel Mount Receptacle, Rear Mounting,Shielded,PCB Soldering.



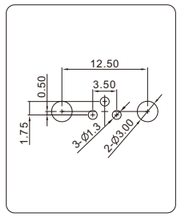


Technical Data

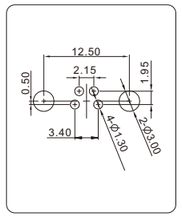
Standard	IEC 61076	Contact carriers material	PA
Series	M8, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded
	Front View				
Rated current	A.	3A	3A	3A	1.5A
Rated voltage	V.	60V	60V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .
—		SRSH-M8A-03P-MM-SF7003-00AH	SRSH-M8A-04P-MM-SF7003-00AH	SRSH-M8B-05P-MM-SF7003-00AH	SRSH-M8A-06P-MM-SF7003-00AH
Customized		·····	·····	·····	·····

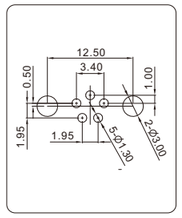
Dimension Figure



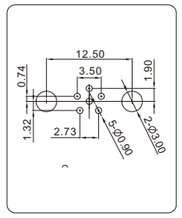
PCB Layout



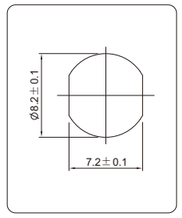
PCB Layout



PCB Layout



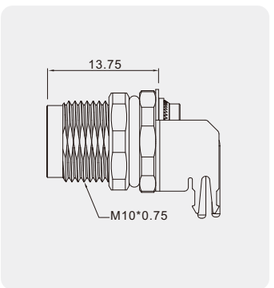
PCB Layout



Panel Cut-Out

M8 x 1 Female Panel Mount Receptacle, Rear Mounting,Shielded,PCB Soldering.



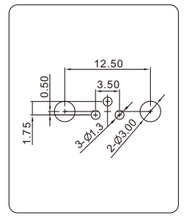


Technical Data

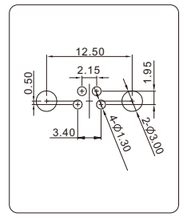
Standard	IEC 61076	Contact carriers material	PA
Series	M8, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded
	Front View				
Rated current	A.	3A	3A	3A	1.5A
Rated voltage	V.	60V	60V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .
—		SRSH-M8A-03P-FF-SF7001-00AH	SRSH-M8A-04P-FF-SF7001-00AH	SRSH-M8B-05P-FF-SF7001-00AH	SRSH-M8A-06P-FF-SF7001-00AH
Customized		·····	·····	·····	·····

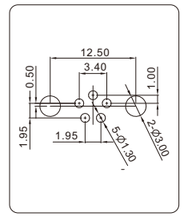
Dimension Figure



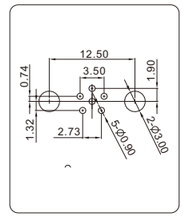
PCB Layout



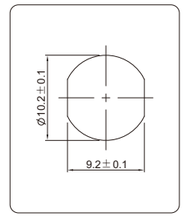
PCB Layout



PCB Layout



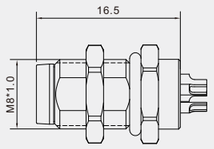
PCB Layout



Panel Cut-Out

M8 x 1 Male Panel Mount Receptacle, Rear Mounting,Unshielded,Soldering without wire.



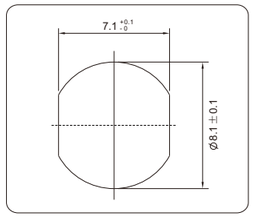


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M8, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Mechanical life	> 100 mating cycles
Insulation resistance	≥100MΩ	—	—
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
—		SD-M8A-03P-MM-SF7003-00AH	SD-M8A-04P-MM-SF7003-00AH	SD-M8B-05P-MM-SF7003-00AH	SD-M8A-06P-MM-SF7003-00AH	SD-M8A-08P-MM-SF7003-00AH
Customized		·····	·····	·····	·····	·····

Dimension Figure

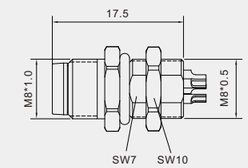


Panel Cut-Out

DEGSON
M8 Series

M8 x 1 Male Panel Mount Receptacle , Front Mounting,Unshielded,Soldering without wire.



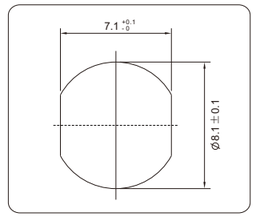


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M8, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Mechanical life	> 100 mating cycles
Insulation resistance	≥100MΩ	—	—
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
—		SD-M8A-03P-MM-SH7002-00AH	SD-M8A-04P-MM-SH7002-00AH	SD-M8B-05P-MM-SH7002-00AH	SD-M8A-06P-MM-SH7002-00AH	SD-M8A-08P-MM-SH7002-00AH
Customized		·····	·····	·····	·····	·····

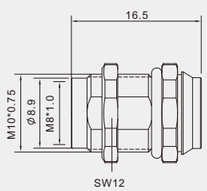
Dimension Figure



Panel Cut-Out

M8 x 1 Female Panel Mount Receptacle, Rear Mounting,Unshielded,Soldering without wire.



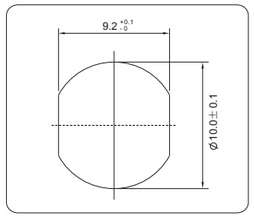


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M8, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Mechanical life	> 100 mating cycles
Insulation resistance	≥100MΩ	—	—
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
—		SD-M8A-03P-FF-SF7001-00AH	SD-M8A-04P-FF-SF7001-00AH	SD-M8B-05P-FF-SF7001-00AH	SD-M8A-06P-FF-SF7001-00AH	SD-M8A-08P-FF-SF7001-00AH
Customized		·····	·····	·····	·····	·····

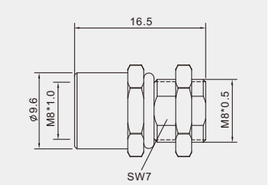
Dimension Figure



Panel Cut-Out

M8 x 1 Female Panel Mount Receptacle, Front Mounting,Unshielded,Soldering without wire.



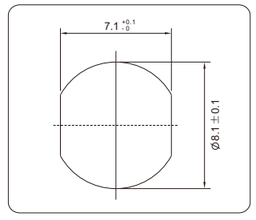


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M8, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Mechanical life	> 100 mating cycles
Insulation resistance	≥100MΩ	—	—
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
—		SD-M8A-03P-FF-SH7002-00AH	SD-M8A-04P-FF-SH7002-00AH	SD-M8B-05P-FF-SH7002-00AH	SD-M8A-06P-FF-SH7002-00AH	SD-M8A-08P-FF-SH7002-00AH
Customized		·····	·····	·····	·····	·····

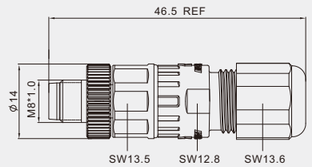
Dimension Figure



Panel Cut-Out

M8 x 1 Male Field Assembly Plug.Unshielded,Screw Connection, Straight.



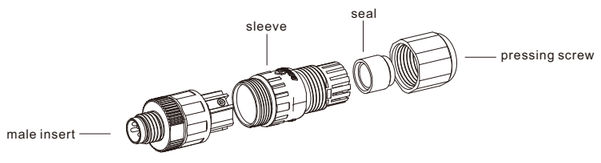


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M8, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +85℃	—	—
IP Class	IP67	—	—

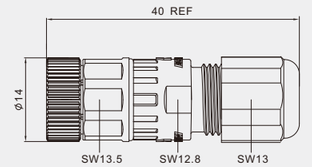
Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	3A	3A
Rated voltage	V.	60V	60V
Description		Order NO .	Order NO .
—		PB-M8A-03P-MM-SL7001-00AH	PB-M8A-04P-MM-SL7001-00AH

Component part drawing



M8 x 1 Female Field Assembly Plug.Unshielded,Screw Connection, Straight.



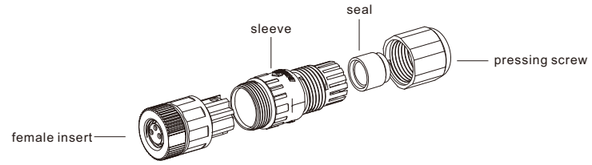


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M8, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +85℃	—	—
IP Class	IP67	—	—

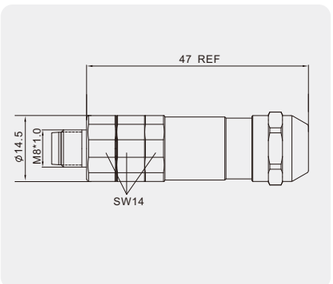
Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	3A	3A
Rated voltage	V.	60V	60V
Description		Order NO .	Order NO .
—		PB-M8A-03P-FF-SL7001-00AH	PB-M8A-04P-FF-SL7001-00AH

Component part drawing



M8 x 1 Male Field Assembly Plug.
Shielded,Screw Connection,
Straight.



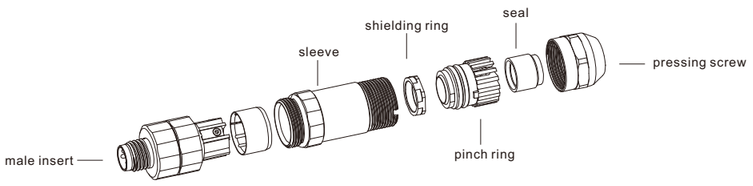


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M8, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Shielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +85℃	—	—
IP Class	IP67	—	—

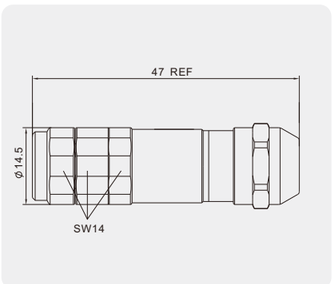
Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	3A	3A
Rated voltage	V.	60V	60V
Description		Order NO .	Order NO .
—		PBSH-M8A-03P-MM-SL7001-00AH	PBSH-M8A-04P-MM-SL7001-00AH

Component part drawing



M8 x 1 Female Field Assembly Plug.
Shielded,Screw Connection,
Straight.



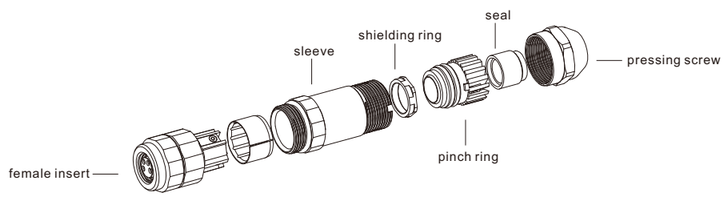


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M8, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Shielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +85℃	—	—
IP Class	IP67	—	—

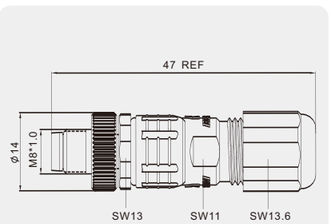
Number of Pins		03 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	3A	3A
Rated voltage	V.	60V	60V
Description		Order NO .	Order NO .
—		PBSH-M8A-03P-FF-SL7001-00AH	PBSH-M8A-04P-FF-SL7001-00AH

Component part drawing



M8 x 1 Male Field Assembly Plug.Unshielded,Soldering Connection,Straight.



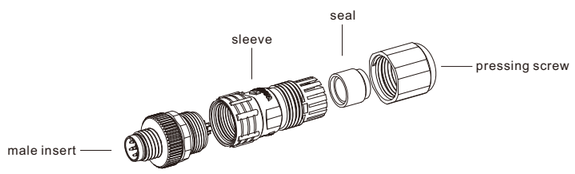


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M8, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +85℃	—	—
IP Class	IP67	—	—

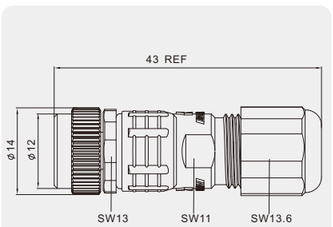
Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
—		PA-M8A-03P-MM-SL7001-00AH	PA-M8A-04P-MM-SL7001-00AH	PA-M8B-05P-MM-SL7001-00AH	PA-M8A-06P-MM-SL7001-00AH	PA-M8A-08P-MM-SL7001-00AH

Component part drawing



M8 x 1 Female Field Assembly Plug.Unshielded,Soldering Connection,Straight.



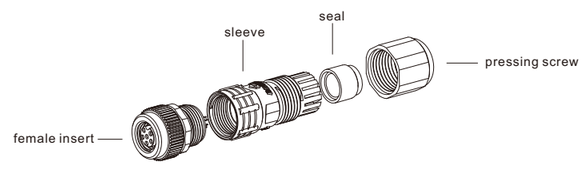


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M8, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +85℃	—	—
IP Class	IP67	—	—

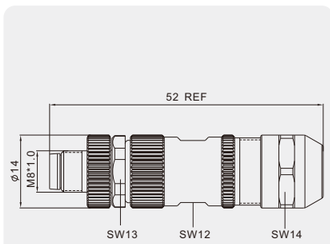
Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
—		PA-M8A-03P-FF-SL7001-00AH	PA-M8A-04P-FF-SL7001-00AH	PA-M8B-05P-FF-SL7001-00AH	PA-M8A-06P-FF-SL7001-00AH	PA-M8A-08P-FF-SL7001-00AH

Component part drawing



M8 x 1 Male Field Assembly Plug.
Shielded,Soldering Connection,
Straight.



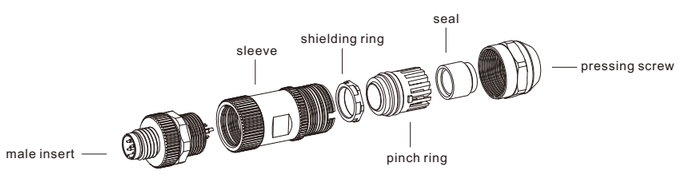


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M8, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 ,05,06,08Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Shielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +85℃	—	—
IP Class	IP67	—	—

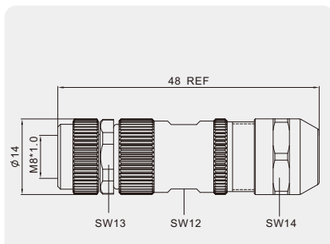
Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
—		PASH-M8A-03P-MM-SL7001-00AH	PASH-M8A-04P-MM-SL7001-00AH	PASH-M8B-05P-MM-SL7001-00AH	PASH-M8A-06P-MM-SL7001-00AH	PASH-M8A-08P-MM-SL7001-00AH

Component part drawing



M8 x 1 Female Field Assembly Plug.
Shielded,Soldering Connection,
Straight.



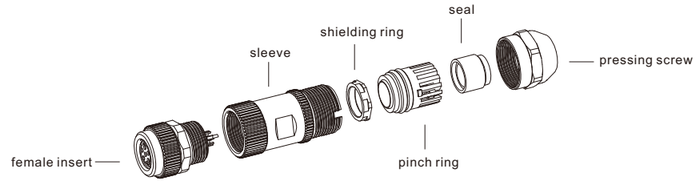


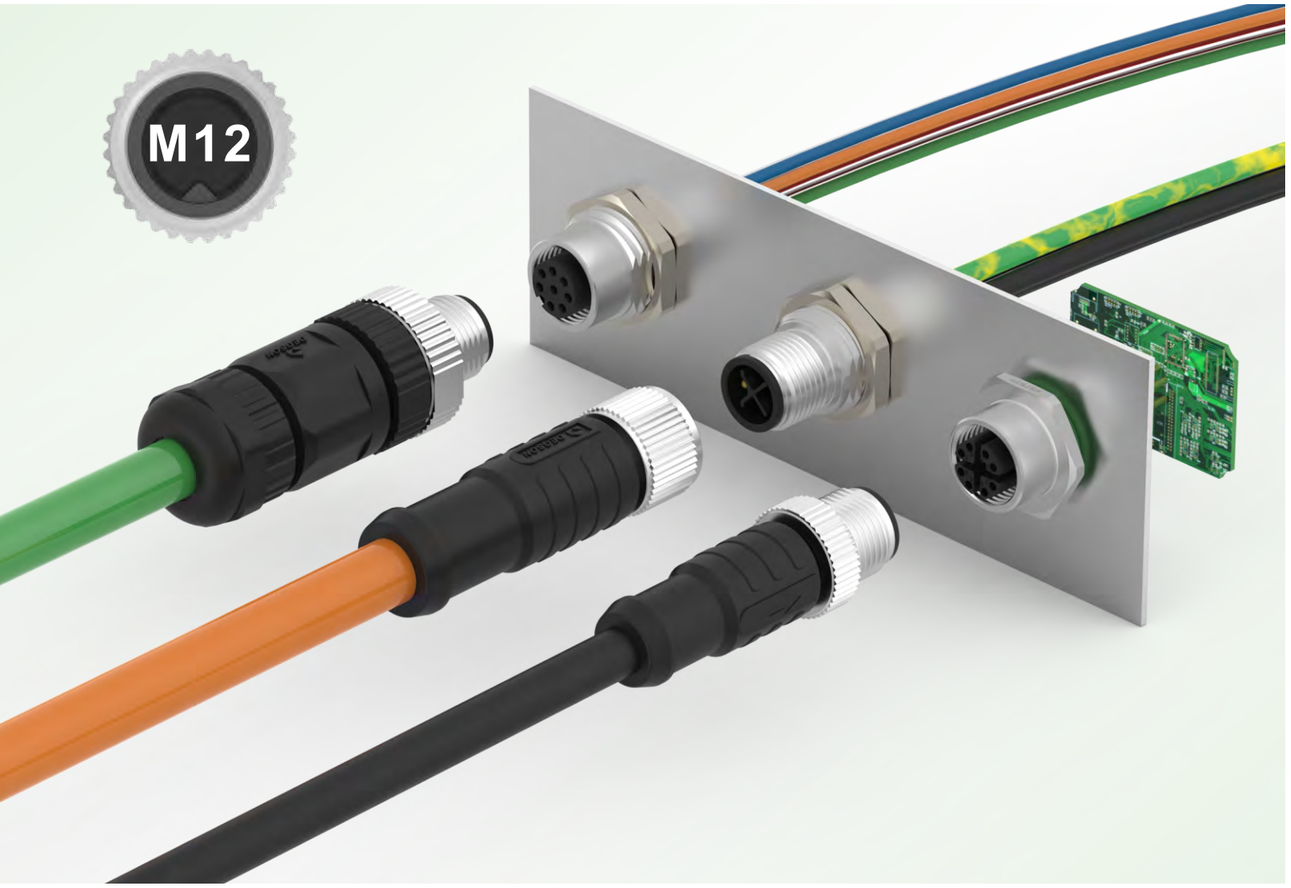
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M8, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A max.	Seal	Silicone
Rated voltage	60V max.	Shielding	Shielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +85℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	3A	3A	3A	1.5A	1.5A
Rated voltage	V.	60V	60V	30V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
—		PASH-M8A-03P-FF-SL7001-00AH	PASH-M8A-04P-FF-SL7001-00AH	PASH-M8B-05P-FF-SL7001-00AH	PASH-M8A-06P-FF-SL7001-00AH	PASH-M8A-08P-FF-SL7001-00AH

Component part drawing



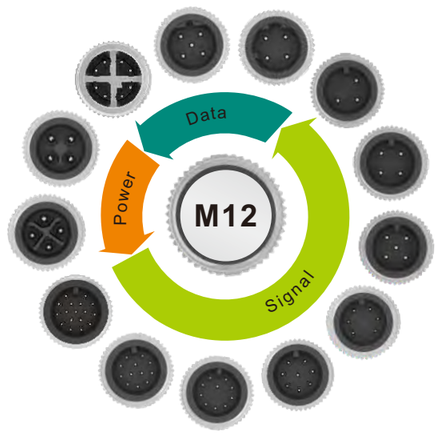


Advantages

- Good sealing performance,with IP class up to IP 68.
- Used in the signal transmission,data transmission, power supply etc.
- With different coding,prevent error connection.
- Shield is optional, provide reliable electromagnetic protection.
- Wire connection method is optional,suitable for continuous shock and vibration environment.
- Connection technology is suitable for all application field.
- Compatible with same series connectors on the market.

Features

- Cable material: PUR, PVC.
- IP-class: IP67, IP68.
- Coding is optional.
- Shield is optional.
- Wire connection method is optional.
- Compliance with IEC 61076 standard.



Circular Connectors Part Number

Circular Connectors Part Number Reference

□□□□ – M12□ – □□P – □□ – □□□□□□ – □□AH

Special coding
00-Standards
01 ~ 99-Extended products

Quality grade
"H"RoHS Complaint

Number of Contacts
□□
03,04,05,06,
08,10,12,17Pin

Coding
□ A - A-Coding
□ B - B-Coding
□ D - D-Coding
□ S - S-Coding
□ T - T-Coding
□ X - X-Coding

Connector Style
□ M- Male Connector
□ F- Female Connector

IP Class
□ 4 = IP 54
□ 5 = IP 65
□ 6 = IP 66
□ 7 = IP 67
□ 8 = IP 68

Serial Number
000: Phantom
Without Cable (A,B)
Unshield
001: Cable OD: 4.0~8.0mm
Shield
001: Cable OD: 4.5~6.0mm
002: Cable OD: 6.0~7.5mm
003: Cable OD: 6.5~10.0mm(For X-Code)

For Panel (P,R,D)
□ 000:14*14
□ 001:PG9
□ 002:M16*1.5
□ 003:M12*1.0
□ 004:PG9
□ 005:M16*1.5
□ 006:M12*1.0
□ 007:PG9
□ 008:M16*1.5

With Cable (M,P,E)
X:
□ A-PVC UL2517 Black Cable
S Coding-UL2570
T Coding-UL2464
□ B-PU UL20549 Black Cable
S Coding-UL20940
T Coding-UL20549
□ C-PVC UL2517 Black Cable For UL
□ D-PUR UL20549 Black Cable For UL
□ E-Cate 5E Cable(2Pair/4Pair)
□ X-Cate 6A Cable
XX:01 - 1M ~
99 - 99M

Panel with wire harness(C,D)
UL1061
X:
□ 0:14*14
□ A:PG9
□ B:M16*1.5
□ C:M12*1.0
□ D:PG9
□ E:M16*1.5

XX:Length (150~1500mm)
□ 15:150mm □30:300mm
□ 50:500mm
(≥1M)
□ A0:1000mm □ A1:1100mm

With or without Shielded
□ SH- Shielded
□ Unshielded

Contact Type
□ M - Male
□ F - Female

Assemble Style
□ M-Molding Type
□ P-Molding Type
□ Y-Molding Type
□ A-Assembly Type (Solder)
□ S-Assembly Type (Solder)
□ B-Assembly Type (Screw)
□ W-Assembly Type (Screw).
□ L-LED Type
□ D-Solder Type
□ P-PCB Type
□ R-PCB Type
□ C-Crimping Type
□ E-Crimping Cable Type

Mating Style
□ S - Screw
□ P - Push Pull

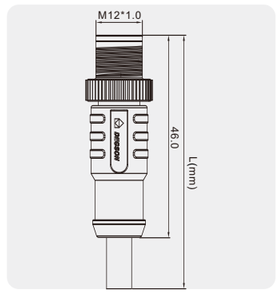
Style
□ P-Plug
(For Molding and Assembly)
□ S -Socket
(For Panel)

Back Shell
□ L - Straight (For Molding and Assembly)
□ R - Right Angle (For Molding and Assembly)
□ S - Square (For Panel)
□ F - Front Hexagonal (For Panel)
□ H - Rear Hexagonal (For Panel)
□ W - Front Circular (For Panel)
□ N - Rear Circular (For Panel)
□ P - PGP (For Crimping Cable)
□ M - M16 (For Crimping Cable)

For example：
1. M12 female plug 5Pin：PM-M12A-05P-FF-SL8A01-00A(H)
Details: Plastic covered at the end of wire,M12A-Coding, 5Pin, female socket female Pin, thread locked, straight head, IP68, PVC black kacket.
Covered by UL2517 wire, the length of 1.0M, standard products.

M12 x 1 Male Overmolded with Cable Plug, Single end, Unshielded, Straight.





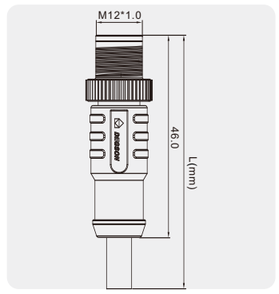
Technical Data

Standard	IEC 61076	Contact carriers material	PU / PA
Series	M12, Male,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic of nut	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Unshielded
Ambient temperature	- 25 ~ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—

Number of Pins			03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding		Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
		Front View					
Rated current		A.	4A	4A	2A	2A	2A
Rated voltage		V.	250V	250V	60V	30V	30V
Wire/Cable		Wire gauge	22AWG	22AWG	22AWG	24AWG	24AWG
		Cross section	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
		Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.WH 2.BN 3.GN 4.YE 6.PK 7.BU	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description			Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	Metal of nut	1m	PM-M12A-03P-MM-SL8A01-00AH	PM-M12A-04P-MM-SL8A01-00AH	PM-M12A-05P-MM-SL8A01-00AH	PM-M12A-06P-MM-SL8A01-00AH	PM-M12A-08P-MM-SL8A01-00AH
		Customized	·····	·····	·····	·····	·····
	Plastic of nut	1m	PP-M12A-03P-MM-SL8C01-00AH	PP-M12A-04P-MM-SL8C01-00AH	PP-M12A-05P-MM-SL8C01-00AH	PP-M12A-06P-MM-SL8C01-00AH	PP-M12A-08P-MM-SL8C01-00AH
		Customized	·····	·····	·····	·····	·····
PUR	Metal of nut	1m	PM-M12A-03P-MM-SL8B01-00AH	PM-M12A-04P-MM-SL8B01-00AH	PM-M12A-05P-MM-SL8B01-00AH	PM-M12A-06P-MM-SL8B01-00AH	PM-M12A-08P-MM-SL8B01-00AH
		Customized	·····	·····	·····	·····	·····
	Plastic of nut	1m	PP-M12A-03P-MM-SL8D01-00AH	PP-M12A-04P-MM-SL8D01-00AH	PP-M12A-05P-MM-SL8D01-00AH	PP-M12A-06P-MM-SL8D01-00AH	PP-M12A-08P-MM-SL8D01-00AH
		Customized	·····	·····	·····	·····	·····
cULus	PVC	1m	PM-M12A-03P-MM-SL8C01-00AH	PM-M12A-04P-MM-SL8C01-00AH	PM-M12A-05P-MM-SL8C01-00AH	PM-M12A-06P-MM-SL8C01-00AH	PM-M12A-08P-MM-SL8C01-00AH
		3m	PM-M12A-03P-MM-SL8C03-00AH	PM-M12A-04P-MM-SL8C03-00AH	PM-M12A-05P-MM-SL8C03-00AH	PM-M12A-06P-MM-SL8C03-00AH	PM-M12A-08P-MM-SL8C03-00AH
		5m	PM-M12A-03P-MM-SL8C05-00AH	PM-M12A-04P-MM-SL8C05-00AH	PM-M12A-05P-MM-SL8C05-00AH	PM-M12A-06P-MM-SL8C05-00AH	PM-M12A-08P-MM-SL8C05-00AH
		Customized	·····	·····	·····	·····	·····
cULus	PUR	1m	PM-M12A-03P-MM-SL8D01-00AH	PM-M12A-04P-MM-SL8D01-00AH	PM-M12A-05P-MM-SL8D01-00AH	PM-M12A-06P-MM-SL8D01-00AH	PM-M12A-08P-MM-SL8D01-00AH
		3m	PM-M12A-03P-MM-SL8D03-00AH	PM-M12A-04P-MM-SL8D03-00AH	PM-M12A-05P-MM-SL8D03-00AH	PM-M12A-06P-MM-SL8D03-00AH	PM-M12A-08P-MM-SL8D03-00AH
		5m	PM-M12A-03P-MM-SL8D05-00AH	PM-M12A-04P-MM-SL8D05-00AH	PM-M12A-05P-MM-SL8D05-00AH	PM-M12A-06P-MM-SL8D05-00AH	PM-M12A-08P-MM-SL8D05-00AH
		Customized	·····	·····	·····	·····	·····

M12 x 1 Male Overmolded with Cable Plug,Single end, Unshielded, Straight.





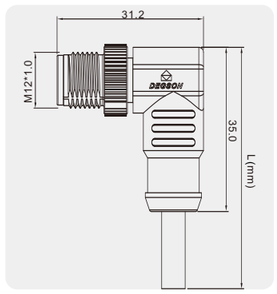
Technical Data

Standard	IEC 61076	Contact carriers material	PU / PA
Series	M12, Male,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic of nut	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Unshielded
Ambient temperature	- 25 ~ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—

Number of Pins			10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding		Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
		Front View					
Rated current		A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage		V.	30V	30V	30V	60V	250V
Wire/Cable		Wire gauge	26AWG	26AWG	26AWG	22AWG	22AWG
		Cross section	0.14mm²	0.14mm²	0.14mm²	0.34mm²	0.34mm²
		Wiring list	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU 13.WH/GN 14.BN/GN 15.WH/YW 16.YW/BN 17.WH/GY	1.BN 2.WH 3.BU 4.BK 5.GY	1.BN 2.WH 3.BU 4.BK
Description			Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	Metal of nut	1m	PM-M12A-10P-MM-SL8A01-00AH	PM-M12A-12P-MM-SL8A01-00AH	PM-M12A-17P-MM-SL8A01-00AH	PM-M12B-05P-MM-SL8A01-00AH	PM-M12D-04P-MM-SL8A01-00AH
		Customized	·····	·····	·····	·····	·····
	Plastic of nut	1m	PP-M12A-10P-MM-SL8C01-00AH	PP-M12A-12P-MM-SL8C01-00AH	PP-M12A-17P-MM-SL8C01-00AH	PP-M12B-05P-MM-SL8C01-00AH	PP-M12D-04P-MM-SL8C01-00AH
		Customized	·····	·····	·····	·····	·····
PUR	Metal of nut	1m	PM-M12A-10P-MM-SL8B01-00AH	PM-M12A-12P-MM-SL8B01-00AH	PM-M12A-17P-MM-SL8B01-00AH	PM-M12B-05P-MM-SL8B01-00AH	PM-M12D-04P-MM-SL8B01-00AH
		Customized					
	Plastic of nut	1m	PP-M12A-10P-MM-SL8D01-00AH	PP-M12A-12P-MM-SL8D01-00AH	PP-M12A-17P-MM-SL8D01-00AH	PP-M12B-05P-MM-SL8D01-00AH	PP-M12D-04P-MM-SL8D01-00AH
		Customized	·····	·····	·····	·····	·····
cULus	PVC	1m	PM-M12A-10P-MM-SL8C01-00AH	PM-M12A-12P-MM-SL8C01-00AH	PM-M12A-17P-MM-SL8C01-00AH	PM-M12B-05P-MM-SL8C01-00AH	PM-M12D-04P-MM-SL8C01-00AH
		3m	PM-M12A-10P-MM-SL8C03-00AH	PM-M12A-12P-MM-SL8C03-00AH	PM-M12A-17P-MM-SL8C03-00AH	PM-M12B-05P-MM-SL8C03-00AH	PM-M12D-04P-MM-SL8C03-00AH
		5m	PM-M12A-10P-MM-SL8C05-00AH	PM-M12A-12P-MM-SL8C05-00AH	PM-M12A-17P-MM-SL8C05-00AH	PM-M12B-05P-MM-SL8C05-00AH	PM-M12D-04P-MM-SL8C05-00AH
		Customized	·····	·····	·····	·····	·····
cULus	PUR	1m	PM-M12A-10P-MM-SL8D01-00AH	PM-M12A-12P-MM-SL8D01-00AH	PM-M12A-17P-MM-SL8D01-00AH	PM-M12B-05P-MM-SL8D01-00AH	PM-M12D-04P-MM-SL8D01-00AH
		3m	PM-M12A-10P-MM-SL8D03-00AH	PM-M12A-12P-MM-SL8D03-00AH	PM-M12A-17P-MM-SL8D03-00AH	PM-M12B-05P-MM-SL8D03-00AH	PM-M12D-04P-MM-SL8D03-00AH
		5m	PM-M12A-10P-MM-SL8D05-00AH	PM-M12A-12P-MM-SL8DB05-00AH	PM-M12A-17P-MM-SL8DB05-00AH	PM-M12B-05P-MM-SL8D05-00AH	PM-M12D-04P-MM-SL8D05-00AH
		Customized	·····	·····	·····	·····	·····

M12 x 1 Male Overmolded with Cable Plug, Single end, Unshielded, Angled.





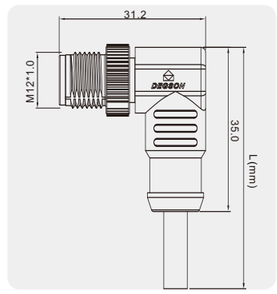
Technical Data

Standard	IEC 61076	Contact carriers material	PU / PA
Series	M12, Male,Angled	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic of nut	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Unshielded
Ambient temperature	- 25 ~ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—

Number of Pins			03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding		Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
		Front View					
Rated current		A.	4A	4A	4A	2A	2A
Rated voltage		V.	250V	250V	60V	30V	30V
Wire/Cable		Wire gauge	22AWG	22AWG	22AWG	24AWG	24AWG
		Cross section	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
		Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.WH 2.BN 3.GN 4.YE 6.PK 7.BU	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description			Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	Metal of nut	1m	PM-M12A-03P-MM-SR8A01-00AH	PM-M12A-04P-MM-SR8A01-00AH	PM-M12A-05P-MM-SR8A01-00AH	PM-M12A-06P-MM-SR8A01-00AH	PM-M12A-08P-MM-SR8A01-00AH
		Customized	·····	·····	·····	·····	·····
	Plastic of nut	1m	PP-M12A-03P-MM-SR8C01-00AH	PP-M12A-04P-MM-SR8C01-00AH	PP-M12A-05P-MM-SR8C01-00AH	PP-M12A-06P-MM-SR8C01-00AH	PP-M12A-08P-MM-SR8C01-00AH
		Customized	·····	·····	·····	·····	·····
PUR	Metal of nut	1m	PM-M12A-03P-MM-SR8B01-00AH	PM-M12A-04P-MM-SR8B01-00AH	PM-M12A-05P-MM-SR8B01-00AH	PM-M12A-06P-MM-SR8B01-00AH	PM-M12A-08P-MM-SR8B01-00AH
		Customized	·····	·····	·····	·····	·····
	Plastic of nut	1m	PP-M12A-03P-MM-SR8D01-00AH	PP-M12A-04P-MM-SR8D01-00AH	PP-M12A-05P-MM-SR8D01-00AH	PP-M12A-06P-MM-SR8D01-00AH	PP-M12A-08P-MM-SR8D01-00AH
		Customized	·····	·····	·····	·····	·····
cULus	PVC	1m	PM-M12A-03P-MM-SR8C01-00AH	PM-M12A-04P-MM-SR8C01-00AH	PM-M12A-05P-MM-SR8C01-00AH	PM-M12A-06P-MM-SR8C01-00AH	PM-M12A-08P-MM-SR8C01-00AH
		3m	PM-M12A-03P-MM-SR8C03-00AH	PM-M12A-04P-MM-SR8C03-00AH	PM-M12A-05P-MM-SR8C03-00AH	PM-M12A-06P-MM-SR8C03-00AH	PM-M12A-08P-MM-SR8C03-00AH
		5m	PM-M12A-03P-MM-SR8C05-00AH	PM-M12A-04P-MM-SR8C05-00AH	PM-M12A-05P-MM-SR8C05-00AH	PM-M12A-06P-MM-SR8C05-00AH	PM-M12A-08P-MM-SR8C05-00AH
		Customized	·····	·····	·····	·····	·····
cULus	PUR	1m	PM-M12A-03P-MM-SR8D01-00AH	PM-M12A-04P-MM-SR8D01-00AH	PM-M12A-05P-MM-SR8D01-00AH	PM-M12A-06P-MM-SR8D01-00AH	PM-M12A-08P-MM-SR8D01-00AH
		3m	PM-M12A-03P-MM-SR8D03-00AH	PM-M12A-04P-MM-SR8D03-00AH	PM-M12A-05P-MM-SR8D03-00AH	PM-M12A-06P-MM-SR8D03-00AH	PM-M12A-08P-MM-SR8D03-00AH
		5m	PM-M12A-03P-MM-SR8D05-00AH	PM-M12A-04P-MM-SR8D05-00AH	PM-M12A-05P-MM-SR8D05-00AH	PM-M12A-06P-MM-SR8D05-00AH	PM-M12A-08P-MM-SR8D05-00AH
		Customized	·····	·····	·····	·····	·····

M12 x 1 Male Overmolded with Cable Plug, Single end, Unshielded, Angled.





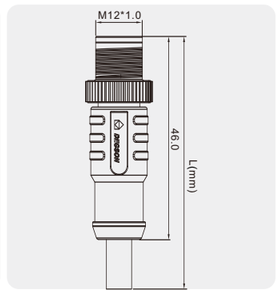
Technical Data

Standard	IEC 61076	Contact carriers material	PU / PA
Series	M12, Male,Angled	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic of nut	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Unshielded
Ambient temperature	- 25 ~ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—

Number of Pins			10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding		Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
		Front View					
Rated current		A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage		V.	30V	30V	30V	60V	250V
Wire/Cable		Wire gauge	26AWG	26AWG	26AWG	22AWG	22AWG
		Cross section	0.14mm²	0.14mm²	0.14mm²	0.34mm²	0.34mm²
		Wiring list	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU 13.WH/GN 14.BN/GN 15.WH/YW 16.YW/BN 17.WH/GY	1.BN 2.WH 3.BU 4.BK 5.GY	1.BN 2.WH 3.BU 4.BK
Description			Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	Metal of nut	1m	PM-M12A-10P-MM-SR8A01-00AH	PM-M12A-12P-MM-SR8A01-00AH	PM-M12A-17P-MM-SR8A01-00AH	PM-M12B-05P-MM-SR8A01-00AH	PM-M12D-04P-MM-SR8A01-00AH
		Customized	·····	·····	·····	·····	·····
	Plastic of nut	1m	PP-M12A-10P-MM-SR8C01-00AH	PP-M12A-12P-MM-SR8C01-00AH	PP-M12A-17P-MM-SR8C01-00AH	PP-M12B-05P-MM-SR8C01-00AH	PP-M12D-04P-MM-SR8C01-00AH
		Customized	·····	·····	·····	·····	·····
PUR	Metal of nut	1m	PM-M12A-10P-MM-SR8B01-00AH	PM-M12A-12P-MM-SR8B01-00AH	PM-M12A-17P-MM-SR8B01-00AH	PM-M12B-05P-MM-SR8B01-00AH	PM-M12D-04P-MM-SR8B01-00AH
		Customized	·····	·····	·····	·····	·····
	Plastic of nut	1m	PP-M12A-10P-MM-SR8D01-00AH	PP-M12A-12P-MM-SR8D01-00AH	PP-M12A-17P-MM-SR8D01-00AH	PP-M12B-05P-MM-SR8D01-00AH	PP-M12D-04P-MM-SR8D01-00AH
		Customized	·····	·····	·····	·····	·····
cULus	PVC	1m	PM-M12A-10P-MM-SR8C01-00AH	PM-M12A-12P-MM-SR8C01-00AH	PM-M12A-17P-MM-SR8C01-00AH	PM-M12B-05P-MM-SR8C01-00AH	PM-M12D-04P-MM-SR8C01-00AH
		3m	PM-M12A-10P-MM-SR8C03-00AH	PM-M12A-12P-MM-SR8C03-00AH	PM-M12A-17P-MM-SR8C03-00AH	PM-M12B-05P-MM-SR8C03-00AH	PM-M12D-04P-MM-SR8C03-00AH
		5m	PM-M12A-10P-MM-SR8C05-00AH	PM-M12A-12P-MM-SR8C05-00AH	PM-M12A-17P-MM-SR8C05-00AH	PM-M12B-05P-MM-SR8C05-00AH	PM-M12D-04P-MM-SR8C05-00AH
		Customized	·····	·····	·····	·····	·····
cULus	PUR	1m	PM-M12A-10P-MM-SR8D01-00AH	PM-M12A-12P-MM-SR8D01-00AH	PM-M12A-17P-MM-SR8D01-00AH	PM-M12B-05P-MM-SR8D01-00AH	PM-M12D-04P-MM-SR8D01-00AH
		3m	PM-M12A-10P-MM-SR8D03-00AH	PM-M12A-12P-MM-SR8D03-00AH	PM-M12A-17P-MM-SR8D03-00AH	PM-M12B-05P-MM-SR8D03-00AH	PM-M12D-04P-MM-SR8D03-00AH
		5m	PM-M12A-10P-MM-SR8D05-00AH	PM-M12A-12P-MM-SR8D05-00AH	PM-M12A-17P-MM-SR8D05-00AH	PM-M12B-05P-MM-SR8D05-00AH	PM-M12D-04P-MM-SR8D05-00AH
		Customized	·····	·····	·····	·····	·····

M12 x 1 Male Overmolded with Cable Plug,Single end,Shielded,Straight.





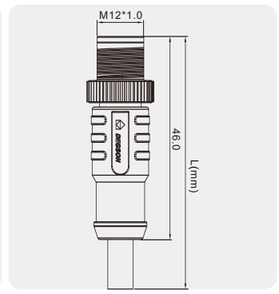
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Shielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	60V	30V	30V
Wire/Cable	Wire gauge	22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.WH 2.BN 3.GN 4.YE 6.PK 7.BU	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	1m	PMSH-M12A-03P-MM-SL8A01-00AH	PMSH-M12A-04P-MM-SL8A01-00AH	PMSH-M12A-05P-MM-SL8A01-00AH	PMSH-M12A-06P-MM-SL8A01-00AH	PMSH-M12A-08P-MM-SL8A01-00AH
	3m	PMSH-M12A-03P-MM-SL8A03-00AH	PMSH-M12A-04P-MM-SL8A03-00AH	PMSH-M12A-05P-MM-SL8A03-00AH	PMSH-M12A-06P-MM-SL8A03-00AH	PMSH-M12A-08P-MM-SL8A03-00AH
	5m	PMSH-M12A-03P-MM-SL8A05-00AH	PMSH-M12A-04P-MM-SL8A05-00AH	PMSH-M12A-05P-MM-SL8A05-00AH	PMSH-M12A-06P-MM-SL8A05-00AH	PMSH-M12A-08P-MM-SL8A05-00AH
	Customized	·····	·····	·····	·····	·····
PUR	1m	PMSH-M12A-03P-MM-SL8B01-00AH	PMSH-M12A-04P-MM-SL8B01-00AH	PMSH-M12A-05P-MM-SL8B01-00AH	PMSH-M12A-06P-MM-SL8B01-00AH	PMSH-M12A-08P-MM-SL8B01-00AH
	3m	PMSH-M12A-03P-MM-SL8B03-00AH	PMSH-M12A-04P-MM-SL8B03-00AH	PMSH-M12A-05P-MM-SL8B03-00AH	PMSH-M12A-06P-MM-SL8B03-00AH	PMSH-M12A-08P-MM-SL8B03-00AH
	5m	PMSH-M12A-03P-MM-SL8B05-00AH	PMSH-M12A-04P-MM-SL8B05-00AH	PMSH-M12A-05P-MM-SL8B05-00AH	PMSH-M12A-06P-MM-SL8B05-00AH	PMSH-M12A-08P-MM-SL8B05-00AH
	Customized	·····	·····	·····	·····	·····
cULus PVC	1m	PMSH-M12A-03P-MM-SL8C01-00AH	PMSH-M12A-04P-MM-SL8C01-00AH	PMSH-M12A-05P-MM-SL8C01-00AH	PMSH-M12A-06P-MM-SL8C01-00AH	PMSH-M12A-08P-MM-SL8C01-00AH
	3m	PMSH-M12A-03P-MM-SL8C03-00AH	PMSH-M12A-04P-MM-SL8C03-00AH	PMSH-M12A-05P-MM-SL8C03-00AH	PMSH-M12A-06P-MM-SL8C03-00AH	PMSH-M12A-08P-MM-SL8C03-00AH
	5m	PMSH-M12A-03P-MM-SL8C05-00AH	PMSH-M12A-04P-MM-SL8C05-00AH	PMSH-M12A-05P-MM-SL8C05-00AH	PMSH-M12A-06P-MM-SL8C05-00AH	PMSH-M12A-08P-MM-SL8C05-00AH
	Customized	·····	·····	·····	·····	·····
cULus PUR	1m	PMSH-M12A-03P-MM-SL8D01-00AH	PMSH-M12A-04P-MM-SL8D01-00AH	PMSH-M12A-05P-MM-SL8D01-00AH	PMSH-M12A-06P-MM-SL8D01-00AH	PMSH-M12A-08P-MM-SL8D01-00AH
	3m	PMSH-M12A-03P-MM-SL8D03-00AH	PMSH-M12A-04P-MM-SL8D03-00AH	PMSH-M12A-05P-MM-SL8D03-00AH	PMSH-M12A-06P-MM-SL8D03-00AH	PMSH-M12A-08P-MM-SL8D03-00AH
	5m	PMSH-M12A-03P-MM-SL8D05-00AH	PMSH-M12A-04P-MM-SL8D05-00AH	PMSH-M12A-05P-MM-SL8D05-00AH	PMSH-M12A-06P-MM-SL8D05-00AH	PMSH-M12A-08P-MM-SL8D05-00AH
	Customized	·····	·····	·····	·····	·····

M12 x 1 Male Overmolded with Cable Plug,Single end,Shielded,Straight.





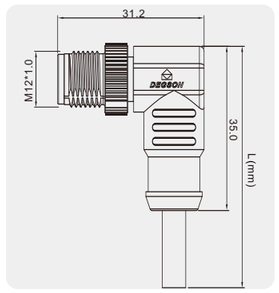
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Shielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP68	—	—

Number of Pins		10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View					
Rated current	A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.	30V	30V	30V	60V	250V
Wire/Cable	Wire gauge	26AWG	26AWG	26AWG	22AWG	22AWG
	Cross section	0.14mm²	0.14mm²	0.14mm²	0.34mm²	0.34mm²
	Wiring list	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU 13.WH/GN 14.BN/GN 15.WH/YW 16.YW/BN 17.WH/GY	1.BN 2.WH 3.BU 4.BK 5.GY	1.YW 2.WH 3.OG 4.BU
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	1m	PMSH-M12A-10P-MM-SL8A01-00AH	PMSH-M12A-12P-MM-SL8A01-00AH	PMSH-M12A-17P-MM-SL8A01-00AH	PMSH-M12B-05P-MM-SL8A01-00AH	PMSH-M12D-04P-MM-SL8A01-00AH
	3m	PMSH-M12A-10P-MM-SL8A03-00AH	PMSH-M12A-12P-MM-SL8A03-00AH	PMSH-M12A-17P-MM-SL8A03-00AH	PMSH-M12B-05P-MM-SL8A03-00AH	PMSH-M12D-04P-MM-SL8A03-00AH
	5m	PMSH-M12A-10P-MM-SL8A05-00AH	PMSH-M12A-12P-MM-SL8A05-00AH	PMSH-M12A-17P-MM-SL8A05-00AH	PMSH-M12B-05P-MM-SL8A05-00AH	PMSH-M12D-04P-MM-SL8A05-00AH
	Customized	·····	·····	·····	·····	·····
PUR	1m	PMSH-M12A-10P-MM-SL8B01-00AH	PMSH-M12A-12P-MM-SL8B01-00AH	PMSH-M12A-17P-MM-SL8B01-00AH	PMSH-M12B-05P-MM-SL8B01-00AH	PMSH-M12D-04P-MM-SL8B01-00AH
	3m	PMSH-M12A-10P-MM-SL8B03-00AH	PMSH-M12A-12P-MM-SL8B03-00AH	PMSH-M12A-17P-MM-SL8B03-00AH	PMSH-M12B-05P-MM-SL8B03-00AH	PMSH-M12D-04P-MM-SL8B03-00AH
	5m	PMSH-M12A-10P-MM-SL8B05-00AH	PMSH-M12A-12P-MM-SL8B05-00AH	PMSH-M12A-17P-MM-SL8B05-00AH	PMSH-M12B-05P-MM-SL8B05-00AH	PMSH-M12D-04P-MM-SL8B05-00AH
	Customized	·····	·····	·····	·····	·····
cULus PVC	1m	PMSH-M12A-10P-MM-SL8C01-00AH	PMSH-M12A-12P-MM-SL8C01-00AH	PMSH-M12A-17P-MM-SL8C01-00AH	PMSH-M12B-05P-MM-SL8C01-00AH	PMSH-M12D-04P-MM-SL8C01-00AH
	3m	PMSH-M12A-10P-MM-SL8C03-00AH	PMSH-M12A-12P-MM-SL8C03-00AH	PMSH-M12A-17P-MM-SL8C03-00AH	PMSH-M12B-05P-MM-SL8C03-00AH	PMSH-M12D-04P-MM-SL8C03-00AH
	5m	PMSH-M12A-10P-MM-SL8C05-00AH	PMSH-M12A-12P-MM-SL8C05-00AH	PMSH-M12A-17P-MM-SL8C05-00AH	PMSH-M12B-05P-MM-SL8C05-00AH	PMSH-M12D-04P-MM-SL8C05-00AH
	Customized	·····	·····	·····	·····	·····
cULus PUR	1m	PMSH-M12A-10P-MM-SL8D01-00AH	PMSH-M12A-12P-MM-SL8D01-00AH	PMSH-M12A-17P-MM-SL8D01-00AH	PMSH-M12B-05P-MM-SL8D01-00AH	PMSH-M12D-04P-MM-SL8D01-00AH
	3m	PMSH-M12A-10P-MM-SL8D03-00AH	PMSH-M12A-12P-MM-SL8D03-00AH	PMSH-M12A-17P-MM-SL8D03-00AH	PMSH-M12B-05P-MM-SL8D03-00AH	PMSH-M12D-04P-MM-SL8D03-00AH
	5m	PMSH-M12A-10P-MM-SL8D05-00AH	PMSH-M12A-12P-MM-SL8D05-00AH	PMSH-M12A-17P-MM-SL8D05-00AH	PMSH-M12B-05P-MM-SL8D05-00AH	PMSH-M12D-04P-MM-SL8D05-00AH
	Customized	·····	·····	·····	·····	·····

M12 x 1 Male,Overmolded with Cable Plug,Single end,Shielded,Angled.





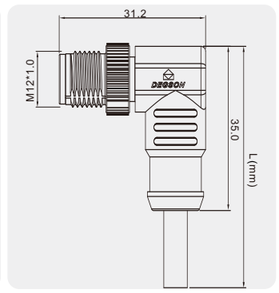
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male,Angled	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Shielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	60V	30V	30V
Wire/Cable	Wire gauge	22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.WH 2.BN 3.GN 4.YE 6.PK 7.BU	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	1m	PMSH-M12A-03P-MM-SR8A01-00AH	PMSH-M12A-04P-MM-SR8A01-00AH	PMSH-M12A-05P-MM-SR8A01-00AH	PMSH-M12A-06P-MM-SR8A01-00AH	PMSH-M12A-08P-MM-SR8A01-00AH
	3m	PMSH-M12A-03P-MM-SR8A03-00AH	PMSH-M12A-04P-MM-SR8A03-00AH	PMSH-M12A-05P-MM-SR8A03-00AH	PMSH-M12A-06P-MM-SR8A03-00AH	PMSH-M12A-08P-MM-SR8A03-00AH
	5m	PMSH-M12A-03P-MM-SR8A05-00AH	PMSH-M12A-04P-MM-SR8A05-00AH	PMSH-M12A-05P-MM-SR8A05-00AH	PMSH-M12A-06P-MM-SR8A05-00AH	PMSH-M12A-08P-MM-SR8A05-00AH
	Customized	·····	·····	·····	·····	·····
PUR	1m	PMSH-M12A-03P-MM-SR8B01-00AH	PMSH-M12A-04P-MM-SR8B01-00AH	PMSH-M12A-05P-MM-SR8B01-00AH	PMSH-M12A-06P-MM-SR8B01-00AH	PMSH-M12A-08P-MM-SR8B01-00AH
	3m	PMSH-M12A-03P-MM-SR8B03-00AH	PMSH-M12A-04P-MM-SR8B03-00AH	PMSH-M12A-05P-MM-SR8B03-00AH	PMSH-M12A-06P-MM-SR8B03-00AH	PMSH-M12A-08P-MM-SR8B03-00AH
	5m	PMSH-M12A-03P-MM-SR8B05-00AH	PMSH-M12A-04P-MM-SR8B05-00AH	PMSH-M12A-05P-MM-SR8B05-00AH	PMSH-M12A-06P-MM-SR8B05-00AH	PMSH-M12A-08P-MM-SR8B05-00AH
	Customized	·····	·····	·····	·····	·····
cULus PVC	1m	PMSH-M12A-03P-MM-SR8C01-00AH	PMSH-M12A-04P-MM-SR8C01-00AH	PMSH-M12A-05P-MM-SR8C01-00AH	PMSH-M12A-06P-MM-SR8C01-00AH	PMSH-M12A-08P-MM-SR8C01-00AH
	3m	PMSH-M12A-03P-MM-SR8C03-00AH	PMSH-M12A-04P-MM-SR8C03-00AH	PMSH-M12A-05P-MM-SR8C03-00AH	PMSH-M12A-06P-MM-SR8C03-00AH	PMSH-M12A-08P-MM-SR8C03-00AH
	5m	PMSH-M12A-03P-MM-SR8C05-00AH	PMSH-M12A-04P-MM-SR8C05-00AH	PMSH-M12A-05P-MM-SR8C05-00AH	PMSH-M12A-06P-MM-SR8C05-00AH	PMSH-M12A-08P-MM-SR8C05-00AH
	Customized	·····	·····	·····	·····	·····
cULus PUR	1m	PMSH-M12A-03P-MM-SR8D01-00AH	PMSH-M12A-04P-MM-SR8D01-00AH	PMSH-M12A-05P-MM-SR8D01-00AH	PMSH-M12A-06P-MM-SR8D01-00AH	PMSH-M12A-08P-MM-SR8D01-00AH
	3m	PMSH-M12A-03P-MM-SR8D03-00AH	PMSH-M12A-04P-MM-SR8D03-00AH	PMSH-M12A-05P-MM-SR8D03-00AH	PMSH-M12A-06P-MM-SR8D03-00AH	PMSH-M12A-08P-MM-SR8D03-00AH
	5m	PMSH-M12A-03P-MM-SR8D05-00AH	PMSH-M12A-04P-MM-SR8D05-00AH	PMSH-M12A-05P-MM-SR8D05-00AH	PMSH-M12A-06P-MM-SR8D05-00AH	PMSH-M12A-08P-MM-SR8D05-00AH
	Customized	·····	·····	·····	·····	·····

M12 x 1 Male,Overmolded with Cable Plug,Single end,Shielded,Angled.





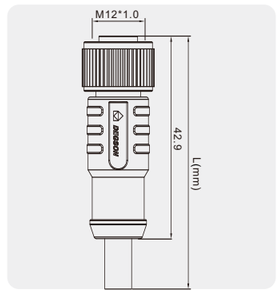
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male,Angled	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Shielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP68	—	—

Number of Pins		10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View					
Rated current	A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.	30V	30V	30V	60V	250V
Wire/Cable	Wire gauge	26AWG	26AWG	26AWG	22AWG	22AWG
	Cross section	0.14mm²	0.14mm²	0.14mm²	0.34mm²	0.34mm²
	Wiring list	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU 13.WH/GN 14.BN/GN 15.WH/YW 16.YW/BN 17.WH/GY	1.BN 2.WH 3.BU 4.BK 5.GY	1.YW 2.WH 3.OG 4.BU
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	1m	PMSH-M12A-10P-MM-SR8A01-00AH	PMSH-M12A-12P-MM-SR8A01-00AH	PMSH-M12A-17P-MM-SR8A01-00AH	PMSH-M12B-05P-MM-SR8A01-00AH	PMSH-M12D-04P-MM-SR8A01-00AH
	3m	PMSH-M12A-10P-MM-SR8A03-00AH	PMSH-M12A-12P-MM-SR8A03-00AH	PMSH-M12A-17P-MM-SR8A03-00AH	PMSH-M12B-05P-MM-SR8A03-00AH	PMSH-M12D-04P-MM-SR8A03-00AH
	5m	PMSH-M12A-10P-MM-SR8A05-00AH	PMSH-M12A-12P-MM-SR8A05-00AH	PMSH-M12A-17P-MM-SR8A05-00AH	PMSH-M12B-05P-MM-SR8A05-00AH	PMSH-M12D-04P-MM-SR8A05-00AH
	Customized	·····	·····	·····	·····	·····
PUR	1m	PMSH-M12A-10P-MM-SR8B01-00AH	PMSH-M12A-12P-MM-SR8B01-00AH	PMSH-M12A-17P-MM-SR8B01-00AH	PMSH-M12B-05P-MM-SR8B01-00AH	PMSH-M12D-04P-MM-SR8B01-00AH
	3m	PMSH-M12A-10P-MM-SR8B03-00AH	PMSH-M12A-12P-MM-SR8B03-00AH	PMSH-M12A-17P-MM-SR8B03-00AH	PMSH-M12B-05P-MM-SR8B03-00AH	PMSH-M12D-04P-MM-SR8B03-00AH
	5m	PMSH-M12A-10P-MM-SR8B05-00AH	PMSH-M12A-12P-MM-SR8B05-00AH	PMSH-M12A-17P-MM-SR8B05-00AH	PMSH-M12B-05P-MM-SR8B05-00AH	PMSH-M12D-04P-MM-SR8B05-00AH
	Customized	·····	·····	·····	·····	·····
cULus PVC	1m	PMSH-M12A-10P-MM-SR8C01-00AH	PMSH-M12A-12P-MM-SR8C01-00AH	PMSH-M12A-17P-MM-SR8C01-00AH	PMSH-M12B-05P-MM-SR8C01-00AH	PMSH-M12D-04P-MM-SR8C01-00AH
	3m	PMSH-M12A-10P-MM-SR8C03-00AH	PMSH-M12A-12P-MM-SR8C03-00AH	PMSH-M12A-17P-MM-SR8C03-00AH	PMSH-M12B-05P-MM-SR8C03-00AH	PMSH-M12D-04P-MM-SR8C03-00AH
	5m	PMSH-M12A-10P-MM-SR8C05-00AH	PMSH-M12A-12P-MM-SR8C05-00AH	PMSH-M12A-17P-MM-SR8C05-00AH	PMSH-M12B-05P-MM-SR8C05-00AH	PMSH-M12D-04P-MM-SR8C05-00AH
	Customized	·····	·····	·····	·····	·····
cULus PUR	1m	PMSH-M12A-10P-MM-SR8D01-00AH	PMSH-M12A-12P-MM-SR8D01-00AH	PMSH-M12A-17P-MM-SR8D01-00AH	PMSH-M12B-05P-MM-SR8D01-00AH	PMSH-M12D-04P-MM-SR8D01-00AH
	3m	PMSH-M12A-10P-MM-SR8D03-00AH	PMSH-M12A-12P-MM-SR8D03-00AH	PMSH-M12A-17P-MM-SR8D03-00AH	PMSH-M12B-05P-MM-SR8D03-00AH	PMSH-M12D-04P-MM-SR8D03-00AH
	5m	PMSH-M12A-10P-MM-SR8D05-00AH	PMSH-M12A-12P-MM-SR8D05-00AH	PMSH-M12A-17P-MM-SR8D05-00AH	PMSH-M12B-05P-MM-SR8D05-00AH	PMSH-M12D-04P-MM-SR8D05-00AH
	Customized	·····	·····	·····	·····	·····

M12 x 1 Female Overmolded with Cable Plug, Single end, Unshielded,Straight.





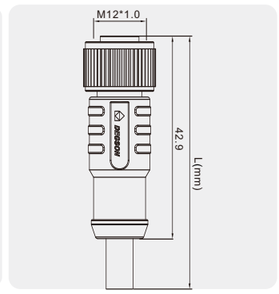
Technical Data

Standard	IEC 61076	Contact carriers material	PU / PA
Series	M12, Female,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic of nut	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Unshielded
Ambient temperature	- 25 ~ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—

Number of Pins			03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding		Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
		Front View					
Rated current		A.	4A	4A	4A	2A	2A
Rated voltage		V.	250V	250V	60V	30V	30V
Wire/Cable		Wire gauge	22AWG	22AWG	22AWG	24AWG	24AWG
		Cross section	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
		Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.WH 2.BN 3.GN 4.YE 6.PK 7.BU	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description			Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	Metal of nut	1m	PM-M12A-03P-FF-SL8A01-00AH	PM-M12A-04P-FF-SL8A01-00AH	PM-M12A-05P-FF-SL8A01-00AH	PM-M12A-06P-FF-SL8A01-00AH	PM-M12A-08P-FF-SL8A01-00AH
		Customized	·····	·····	·····	·····	·····
	Plastic of nut	1m	PP-M12A-03P-FF-SL8C01-00AH	PP-M12A-04P-FF-SL8C01-00AH	PP-M12A-05P-FF-SL8C01-00AH	PP-M12A-06P-FF-SL8C01-00AH	PP-M12A-08P-FF-SL8C01-00AH
		Customized	·····	·····	·····	·····	·····
PUR	Metal of nut	1m	PM-M12A-03P-FF-SL8B01-00AH	PM-M12A-04P-FF-SL8B01-00AH	PM-M12A-05P-FF-SL8B01-00AH	PM-M12A-06P-FF-SL8B01-00AH	PM-M12A-08P-FF-SL8B01-00AH
		Customized	·····	·····	·····	·····	·····
	Plastic of nut	1m	PP-M12A-03P-FF-SL8D01-00AH	PP-M12A-04P-FF-SL8D01-00AH	PP-M12A-05P-FF-SL8D01-00AH	PP-M12A-06P-FF-SL8D01-00AH	PP-M12A-08P-FF-SL8D01-00AH
		Customized	·····	·····	·····	·····	·····
cULus	PVC	1m	PM-M12A-03P-FF-SL8C01-00AH	PM-M12A-04P-FF-SL8C01-00AH	PM-M12A-05P-FF-SL8C01-00AH	PM-M12A-06P-FF-SL8C01-00AH	PM-M12A-08P-FF-SL8C01-00AH
		3m	PM-M12A-03P-FF-SL8C03-00AH	PM-M12A-04P-FF-SL8C03-00AH	PM-M12A-05P-FF-SL8C03-00AH	PM-M12A-06P-FF-SL8C03-00AH	PM-M12A-08P-FF-SL8C03-00AH
		5m	PM-M12A-03P-FF-SL8C05-00AH	PM-M12A-04P-FF-SL8C05-00AH	PM-M12A-05P-FF-SL8C05-00AH	PM-M12A-06P-FF-SL8C05-00AH	PM-M12A-08P-FF-SL8C05-00AH
		Customized	·····	·····	·····	·····	·····
cULus	PUR	1m	PM-M12A-03P-FF-SL8D01-00AH	PM-M12A-04P-FF-SL8D01-00AH	PM-M12A-05P-FF-SL8D01-00AH	PM-M12A-06P-FF-SL8D01-00AH	PM-M12A-08P-FF-SL8D01-00AH
		3m	PM-M12A-03P-FF-SL8D03-00AH	PM-M12A-04P-FF-SL8D03-00AH	PM-M12A-05P-FF-SL8D03-00AH	PM-M12A-06P-FF-SL8D03-00AH	PM-M12A-08P-FF-SL8D03-00AH
		5m	PM-M12A-03P-FF-SL8D05-00AH	PM-M12A-04P-FF-SL8D05-00AH	PM-M12A-05P-FF-SL8D05-00AH	PM-M12A-06P-FF-SL8D05-00AH	PM-M12A-08P-FF-SL8D05-00AH
		Customized	·····	·····	·····	·····	·····

M12 x 1 Female Overmolded with Cable Plug, Single end, Unshielded,Straight.





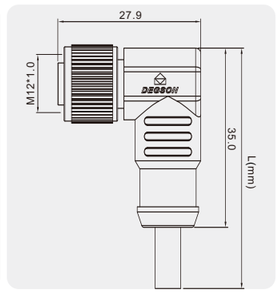
Technical Data

Standard	IEC 61076	Contact carriers material	PU / PA
Series	M12, Female,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic of nut	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Unshielded
Ambient temperature	- 25 ~ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—

Number of Pins			10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding		Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
		Front View					
Rated current		A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage		V.	30V	30V	30V	60V	250V
Wire/Cable		Wire gauge	26AWG	26AWG	26AWG	22AWG	22AWG
		Cross section	0.14mm²	0.14mm²	0.14mm²	0.34mm²	0.34mm²
		Wiring list	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU 13.WH/GN 14.BN/GN 15.WH/YW 16.YW/BN 17.WH/GY	1.BN 2.WH 3.BU 4.BK 5.GY	1.BN 2.WH 3.BU 4.BK
Description			Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	Metal of nut	1m	PM-M12A-10P-FF-SL8A01-00AH	PM-M12A-12P-FF-SL8A01-00AH	PM-M12A-17P-FF-SL8A01-00AH	PM-M12B-05P-FF-SL8A01-00AH	PM-M12D-04P-FF-SL8A01-00AH
		Customized	·····	·····	·····	·····	·····
	Plastic of nut	1m	PP-M12A-10P-FF-SL8C01-00AH	PP-M12A-10P-FF-SL8C01-00AH	PP-M12A-17P-FF-SL8C01-00AH	PP-M12B-05P-FF-SL8C01-00AH	PP-M12D-04P-FF-SL8C01-00AH
		Customized	·····	·····	·····	·····	·····
PUR	Metal of nut	1m	PM-M12A-10P-FF-SL8B01-00AH	PM-M12A-12P-FF-SL8B01-00AH	PM-M12A-17P-FF-SL8B01-00AH	PM-M12B-05P-FF-SL8B01-00AH	PM-M12D-04P-FF-SL8B01-00AH
		Customized	·····	·····	·····	·····	·····
	Plastic of nut	1m	PP-M12A-10P-FF-SL8D01-00AH	PP-M12A-12P-FF-SL8D01-00AH	PP-M12A-17P-FF-SL8D01-00AH	PP-M12B-05P-FF-SL8D01-00AH	PP-M12D-04P-FF-SL8D01-00AH
		Customized	·····	·····	·····	·····	·····
cULus	PVC	1m	PM-M12A-10P-FF-SL8C01-00AH	PM-M12A-12P-FF-SL8C01-00AH	PM-M12A-17P-FF-SL8C01-00AH	PM-M12B-05P-FF-SL8C01-00AH	PM-M12D-04P-FF-SL8C01-00AH
		3m	PM-M12A-10P-FF-SL8C03-00AH	PM-M12A-12P-FF-SL8C03-00AH	PM-M12A-17P-FF-SL8C03-00AH	PM-M12B-05P-FF-SL8C03-00AH	PM-M12D-04P-FF-SL8C03-00AH
		5m	PM-M12A-10P-FF-SL8C05-00AH	PM-M12A-12P-FF-SL8C05-00AH	PM-M12A-17P-FF-SL8C05-00AH	PM-M12B-05P-FF-SL8C05-00AH	PM-M12D-04P-FF-SL8C05-00AH
		Customized	·····	·····	·····	·····	·····
cULus	PUR	1m	PM-M12A-10P-FF-SL8D01-00AH	PM-M12A-12P-FF-SL8D01-00AH	PM-M12A-17P-FF-SL8D01-00AH	PM-M12B-05P-FF-SL8D01-00AH	PM-M12D-04P-FF-SL8D01-00AH
		3m	PM-M12A-10P-FF-SL8D03-00AH	PM-M12A-12P-FF-SL8D03-00AH	PM-M12A-17P-FF-SL8D03-00AH	PM-M12B-05P-FF-SL8D03-00AH	PM-M12D-04P-FF-SL8D03-00AH
		5m	PM-M12A-10P-FF-SL8D05-00AH	PM-M12A-12P-FF-SL8D05-00AH	PM-M12A-17P-FF-SL8D05-00AH	PM-M12B-05P-FF-SL8D05-00AH	PM-M12D-04P-FF-SL8D05-00AH
		Customized	·····	·····	·····	·····	·····

M12 x 1 Female Overmolded with Cable Plug,Single end,Unshielded,Angled.





Technical Data

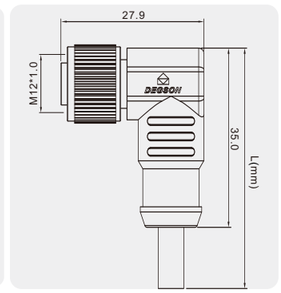
Standard	IEC 61076	Contact carriers material	PU / PA
Series	M12, Female,Angled	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic of nut	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Unshielded
Ambient temperature	- 25 ~ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—

Number of Pins			03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding		Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
		Front View					
Rated current		A.	4A	4A	4A	2A	2A
Rated voltage		V.	250V	250V	60V	30V	30V
Wire/Cable		Wire gauge	22AWG	22AWG	22AWG	24AWG	24AWG
		Cross section	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
		Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.WH 2.BN 3.GN 4.YE 6.PK 7.BU	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description			Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	Metal of nut	1m	PM-M12A-03P-FF-SR8A01-00AH	PM-M12A-04P-FF-SR8A01-00AH	PM-M12A-05P-FF-SR8A01-00AH	PM-M12A-06P-FF-SR8A01-00AH	PM-M12A-08P-FF-SR8A01-00AH
		Customized	·····	·····	·····	·····	·····
	Plastic of nut	1m	PP-M12A-03P-FF-SR8C01-00AH	PP-M12A-04P-FF-SR8C01-00AH	PP-M12A-05P-FF-SR8C01-00AH	PP-M12A-06P-FF-SR8C01-00AH	PP-M12A-08P-FF-SR8C01-00AH
		Customized	·····	·····	·····	·····	·····
PUR	Metal of nut	1m	PM-M12A-03P-FF-SR8B01-00AH	PM-M12A-04P-FF-SR8B01-00AH	PM-M12A-05P-FF-SR8B01-00AH	PM-M12A-06P-FF-SR8B01-00AH	PM-M12A-08P-FF-SR8B01-00AH
		Customized	·····	·····	·····	·····	·····
	Plastic of nut	1m	PP-M12A-03P-FF-SR8D01-00AH	PP-M12A-04P-FF-SR8D01-00AH	PP-M12A-05P-FF-SR8D01-00AH	PP-M12A-06P-FF-SR8D01-00AH	PP-M12A-08P-FF-SR8D01-00AH
		Customized	·····	·····	·····	·····	·····
cULus	PVC	1m	PM-M12A-03P-FF-SR8C01-00AH	PM-M12A-04P-FF-SR8C01-00AH	PM-M12A-05P-FF-SR8C01-00AH	PM-M12A-06P-FF-SR8C01-00AH	PM-M12A-08P-FF-SR8C01-00AH
		3m	PM-M12A-03P-FF-SR8C03-00AH	PM-M12A-04P-FF-SR8C03-00AH	PM-M12A-05P-FF-SR8C03-00AH	PM-M12A-06P-FF-SR8C03-00AH	PM-M12A-08P-FF-SR8C03-00AH
		5m	PM-M12A-03P-FF-SR8C05-00AH	PM-M12A-04P-FF-SR8C05-00AH	PM-M12A-05P-FF-SR8C05-00AH	PM-M12A-06P-FF-SR8C05-00AH	PM-M12A-08P-FF-SR8C05-00AH
		Customized	·····	·····	·····	·····	·····
cULus	PUR	1m	PM-M12A-03P-FF-SR8D01-00AH	PM-M12A-04P-FF-SR8D01-00AH	PM-M12A-05P-FF-SR8D01-00AH	PM-M12A-06P-FF-SR8D01-00AH	PM-M12A-08P-FF-SR8D01-00AH
		3m	PM-M12A-03P-FF-SR8D03-00AH	PM-M12A-04P-FF-SR8D03-00AH	PM-M12A-05P-FF-SR8D03-00AH	PM-M12A-06P-FF-SR8D03-00AH	PM-M12A-08P-FF-SR8D03-00AH
		5m	PM-M12A-03P-FF-SR8D05-00AH	PM-M12A-04P-FF-SR8D05-00AH	PM-M12A-05P-FF-SR8D05-00AH	PM-M12A-06P-FF-SR8D05-00AH	PM-M12A-08P-FF-SR8D05-00AH
		Customized	·····	·····	·····	·····	·····

DEGSON M12 Series

M12 x 1 Female Overmolded with Cable Plug,Single end,Unshielded,Angled.





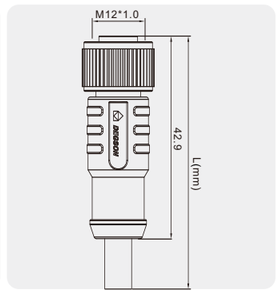
Technical Data

Standard	IEC 61076	Contact carriers material	PU / PA
Series	M12, Female,Angled	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic of nut	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Unshielded
Ambient temperature	- 25 ~ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—

Number of Pins			10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding		Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
		Front View					
Rated current		A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage		V.	30V	30V	30V	60V	250V
Wire/Cable		Wire gauge	26AWG	26AWG	26AWG	22AWG	22AWG
		Cross section	0.14mm²	0.14mm²	0.14mm²	0.34mm²	0.34mm²
		Wiring list	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU 13.WH/GN 14.BN/GN 15.WH/YW 16.YW/BN 17.WH/GY	1.BN 2.WH 3.BU 4.BK 5.GY	1.BN 2.WH 3.BU 4.BK
Description			Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	Metal of nut	1m	PM-M12A-10P-FF-SR8A01-00AH	PM-M12A-12P-FF-SR8A01-00AH	PM-M12A-17P-FF-SR8A01-00AH	PM-M12B-05P-FF-SR8A01-00AH	PM-M12D-04P-FF-SR8A01-00AH
		Customized	·····	·····	·····	·····	·····
	Plastic of nut	1m	PP-M12A-10P-FF-SR8C01-00AH	PP-M12A-12P-FF-SR8C01-00AH	PP-M12A-17P-FF-SR8C01-00AH	PP-M12B-05P-FF-SR8C01-00AH	PP-M12D-04P-FF-SR8C01-00AH
		Customized	·····	·····	·····	·····	·····
PUR	Metal of nut	1m	PM-M12A-10P-FF-SR8B01-00AH	PM-M12A-12P-FF-SR8B01-00AH	PM-M12A-17P-FF-SR8B01-00AH	PM-M12B-05P-FF-SR8B01-00AH	PM-M12D-04P-FF-SR8B01-00AH
		Customized	·····	·····	·····	·····	·····
	Plastic of nut	1m	PP-M12A-10P-FF-SR8D01-00AH	PP-M12A-12P-FF-SR8D01-00AH	PP-M12A-17P-FF-SR8D01-00AH	PP-M12B-05P-FF-SR8D01-00AH	PP-M12D-04P-FF-SR8D01-00AH
		Customized	·····	·····	·····	·····	·····
cULus	PVC	1m	PM-M12A-10P-FF-SR8C01-00AH	PM-M12A-12P-FF-SR8C01-00AH	PM-M12A-17P-FF-SR8C01-00AH	PM-M12B-05P-FF-SR8C01-00AH	PM-M12D-04P-FF-SR8C01-00AH
		3m	PM-M12A-10P-FF-SR8C03-00AH	PM-M12A-12P-FF-SR8C03-00AH	PM-M12A-17P-FF-SR8C03-00AH	PM-M12B-05P-FF-SR8C03-00AH	PM-M12D-04P-FF-SR8C03-00AH
		5m	PM-M12A-10P-FF-SR8C05-00AH	PM-M12A-12P-FF-SR8C05-00AH	PM-M12A-17P-FF-SR8C05-00AH	PM-M12B-05P-FF-SR8C05-00AH	PM-M12D-04P-FF-SR8C05-00AH
		Customized	·····	·····	·····	·····	·····
cULus	PUR	1m	PM-M12A-10P-FF-SR8D01-00AH	PM-M12A-12P-FF-SR8D01-00AH	PM-M12A-17P-FF-SR8D01-00AH	PM-M12B-05P-FF-SR8D01-00AH	PM-M12D-04P-FF-SR8D01-00AH
		3m	PM-M12A-10P-FF-SR8D03-00AH	PM-M12A-12P-FF-SR8D03-00AH	PM-M12A-17P-FF-SR8D03-00AH	PM-M12B-05P-FF-SR8D03-00AH	PM-M12D-04P-FF-SR8D03-00AH
		5m	PM-M12A-10P-FF-SR8D05-00AH	PM-M12A-12P-FF-SR8D05-00AH	PM-M12A-17P-FF-SR8D05-00AH	PM-M12B-05P-FF-SR8D05-00AH	PM-M12D-04P-FF-SR8D05-00AH
		Customized	·····	·····	·····	·····	·····

M12 x 1 Female Overmolded with Cable Plug,Single end,Shielded,Straight.





Technical Data

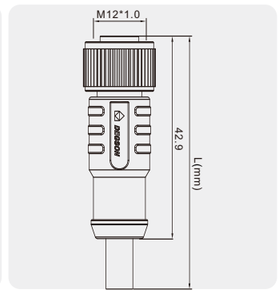
Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Shielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	60V	30V	30V
Wire/Cable	Wire gauge	22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.WH 2.BN 3.GN 4.YE 6.PK 7.BU	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	1m	PMSH-M12A-03P-FF-SL8A01-00AH	PMSH-M12A-04P-FF-SL8A01-00AH	PMSH-M12A-05P-FF-SL8A01-00AH	PMSH-M12A-06P-FF-SL8A01-00AH	PMSH-M12A-08P-FF-SL8A01-00AH
	3m	PMSH-M12A-03P-FF-SL8A03-00AH	PMSH-M12A-04P-FF-SL8A03-00AH	PMSH-M12A-05P-FF-SL8A03-00AH	PMSH-M12A-06P-FF-SL8A03-00AH	PMSH-M12A-08P-FF-SL8A03-00AH
	5m	PMSH-M12A-03P-FF-SL8A05-00AH	PMSH-M12A-04P-FF-SL8A05-00AH	PMSH-M12A-05P-FF-SL8A05-00AH	PMSH-M12A-06P-FF-SL8A05-00AH	PMSH-M12A-08P-FF-SL8A05-00AH
	Customized	·····	·····	·····	·····	·····
PUR	1m	PMSH-M12A-03P-FF-SL8B01-00AH	PMSH-M12A-04P-FF-SL8B01-00AH	PMSH-M12A-05P-FF-SL8B01-00AH	PMSH-M12A-06P-FF-SL8B01-00AH	PMSH-M12A-08P-FF-SL8B01-00AH
	3m	PMSH-M12A-03P-FF-SL8B03-00AH	PMSH-M12A-04P-FF-SL8B03-00AH	PMSH-M12A-05P-FF-SL8B03-00AH	PMSH-M12A-06P-FF-SL8B03-00AH	PMSH-M12A-08P-FF-SL8B03-00AH
	5m	PMSH-M12A-03P-FF-SL8B05-00AH	PMSH-M12A-04P-FF-SL8B05-00AH	PMSH-M12A-05P-FF-SL8B05-00AH	PMSH-M12A-06P-FF-SL8B05-00AH	PMSH-M12A-08P-FF-SL8B05-00AH
	Customized	·····	·····	·····	·····	·····
cULus PVC	1m	PMSH-M12A-03P-FF-SL8C01-00AH	PMSH-M12A-04P-FF-SL8C01-00AH	PMSH-M12A-05P-FF-SL8C01-00AH	PMSH-M12A-06P-FF-SL8C01-00AH	PMSH-M12A-08P-FF-SL8C01-00AH
	3m	PMSH-M12A-03P-FF-SL8C03-00AH	PMSH-M12A-04P-FF-SL8C03-00AH	PMSH-M12A-05P-FF-SL8C03-00AH	PMSH-M12A-06P-FF-SL8C03-00AH	PMSH-M12A-08P-FF-SL8C03-00AH
	5m	PMSH-M12A-03P-FF-SL8C05-00AH	PMSH-M12A-04P-FF-SL8C05-00AH	PMSH-M12A-05P-FF-SL8C05-00AH	PMSH-M12A-06P-FF-SL8C05-00AH	PMSH-M12A-08P-FF-SL8C05-00AH
	Customized	·····	·····	·····	·····	·····
cULus PUR	1m	PMSH-M12A-03P-FF-SL8D01-00AH	PMSH-M12A-04P-FF-SL8D01-00AH	PMSH-M12A-05P-FF-SL8D01-00AH	PMSH-M12A-06P-FF-SL8D01-00AH	PMSH-M12A-08P-FF-SL8D01-00AH
	3m	PMSH-M12A-03P-FF-SL8D03-00AH	PMSH-M12A-04P-FF-SL8D03-00AH	PMSH-M12A-05P-FF-SL8D03-00AH	PMSH-M12A-06P-FF-SL8D03-00AH	PMSH-M12A-08P-FF-SL8D03-00AH
	5m	PMSH-M12A-03P-FF-SL8D05-00AH	PMSH-M12A-04P-FF-SL8D05-00AH	PMSH-M12A-05P-FF-SL8D05-00AH	PMSH-M12A-06P-FF-SL8D05-00AH	PMSH-M12A-08P-FF-SL8D05-00AH
	Customized	·····	·····	·····	·····	·····

DEGSON
M12 Series

M12 x 1 Female Overmolded with Cable Plug,Single end,Shielded,Straight.





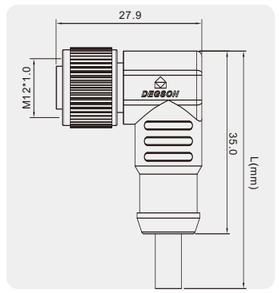
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Shielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP68	—	—

Number of Pins		10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View					
Rated current	A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.	30V	30V	30V	60V	250V
Wire/Cable	Wire gauge	26AWG	26AWG	26AWG	22AWG	22AWG
	Cross section	0.14mm²	0.14mm²	0.14mm²	0.34mm²	0.34mm²
	Wiring list	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU 13.WH/GN 14.BN/GN 15.WH/YW 16.YW/BN 17.WH/GY	1.BN 2.WH 3.BU 4.BK 5.GY	1.YW 2.WH 3.OG 4.BU
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	1m	PMSH-M12A-10P-FF-SL8A01-00AH	PMSH-M12A-12P-FF-SL8A01-00AH	PMSH-M12A-17P-FF-SL8A01-00AH	PMSH-M12B-05P-FF-SL8A01-00AH	PMSH-M12D-04P-FF-SL8A01-00AH
	3m	PMSH-M12A-10P-FF-SL8A03-00AH	PMSH-M12A-12P-FF-SL8A03-00AH	PMSH-M12A-17P-FF-SL8A03-00AH	PMSH-M12B-05P-FF-SL8A03-00AH	PMSH-M12D-04P-FF-SL8A03-00AH
	5m	PMSH-M12A-10P-FF-SL8A05-00AH	PMSH-M12A-12P-FF-SL8A05-00AH	PMSH-M12A-17P-FF-SL8A05-00AH	PMSH-M12B-05P-FF-SL8A05-00AH	PMSH-M12D-04P-FF-SL8A05-00AH
	Customized	·····	·····	·····	·····	·····
PUR	1m	PMSH-M12A-10P-FF-SL8B01-00AH	PMSH-M12A-12P-FF-SL8B01-00AH	PMSH-M12A-17P-FF-SL8B01-00AH	PMSH-M12B-05P-FF-SL8B01-00AH	PMSH-M12D-04P-FF-SL8B01-00AH
	3m	PMSH-M12A-10P-FF-SL8B03-00AH	PMSH-M12A-12P-FF-SL8B03-00AH	PMSH-M12A-17P-FF-SL8B03-00AH	PMSH-M12B-05P-FF-SL8B03-00AH	PMSH-M12D-04P-FF-SL8B03-00AH
	5m	PMSH-M12A-10P-FF-SL8B05-00AH	PMSH-M12A-12P-FF-SL8B05-00AH	PMSH-M12A-17P-FF-SL8B05-00AH	PMSH-M12B-05P-FF-SL8B05-00AH	PMSH-M12D-04P-FF-SL8B05-00AH
	Customized	·····	·····	·····	·····	·····
cULus PVC	1m	PMSH-M12A-10P-FF-SL8C01-00AH	PMSH-M12A-12P-FF-SL8C01-00AH	PMSH-M12A-17P-FF-SL8C01-00AH	PMSH-M12B-05P-FF-SL8C01-00AH	PMSH-M12D-04P-FF-SL8C01-00AH
	3m	PMSH-M12A-10P-FF-SL8C03-00AH	PMSH-M12A-12P-FF-SL8C03-00AH	PMSH-M12A-17P-FF-SL8C03-00AH	PMSH-M12B-05P-FF-SL8C03-00AH	PMSH-M12D-04P-FF-SL8C03-00AH
	5m	PMSH-M12A-10P-FF-SL8C05-00AH	PMSH-M12A-12P-FF-SL8C05-00AH	PMSH-M12A-17P-FF-SL8C05-00AH	PMSH-M12B-05P-FF-SL8C05-00AH	PMSH-M12D-04P-FF-SL8C05-00AH
	Customized	·····	·····	·····	·····	·····
cULus PUR	1m	PMSH-M12A-10P-FF-SL8D01-00AH	PMSH-M12A-12P-FF-SL8D01-00AH	PMSH-M12A-17P-FF-SL8D01-00AH	PMSH-M12B-05P-FF-SL8D01-00AH	PMSH-M12D-04P-FF-SL8D01-00AH
	3m	PMSH-M12A-10P-FF-SL8D03-00AH	PMSH-M12A-12P-FF-SL8D03-00AH	PMSH-M12A-17P-FF-SL8D03-00AH	PMSH-M12B-05P-FF-SL8D03-00AH	PMSH-M12D-04P-FF-SL8D03-00AH
	5m	PMSH-M12A-10P-FF-SL8D05-00AH	PMSH-M12A-12P-FF-SL8D05-00AH	PMSH-M12A-17P-FF-SL8D05-00AH	PMSH-M12B-05P-FF-SL8D05-00AH	PMSH-M12D-04P-FF-SL8D05-00AH
	Customized	·····	·····	·····	·····	·····

M12 x 1 Female Overmolded with Cable Plug,Single end, Shielded, Angled.





Technical Data

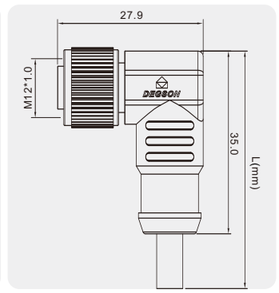
Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female,Angled	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Shielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	60V	30V	30V
Wire/Cable	Wire gauge	22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
	Wiring list	1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.WH 2.BN 3.GN 4.YE 6.PK 7.BU	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	1m	PMSH-M12A-03P-FF-SR8A01-00AH	PMSH-M12A-04P-FF-SR8A01-00AH	PMSH-M12A-05P-FF-SR8A01-00AH	PMSH-M12A-06P-FF-SR8A01-00AH	PMSH-M12A-08P-FF-SR8A01-00AH
	3m	PMSH-M12A-03P-FF-SR8A03-00AH	PMSH-M12A-04P-FF-SR8A03-00AH	PMSH-M12A-05P-FF-SR8A03-00AH	PMSH-M12A-06P-FF-SR8A03-00AH	PMSH-M12A-08P-FF-SR8A03-00AH
	5m	PMSH-M12A-03P-FF-SR8A05-00AH	PMSH-M12A-04P-FF-SR8A05-00AH	PMSH-M12A-05P-FF-SR8A05-00AH	PMSH-M12A-06P-FF-SR8A05-00AH	PMSH-M12A-08P-FF-SR8A05-00AH
	Customized	·····	·····	·····	·····	·····
PUR	1m	PMSH-M12A-03P-FF-SR8B01-00AH	PMSH-M12A-04P-FF-SR8B01-00AH	PMSH-M12A-05P-FF-SR8B01-00AH	PMSH-M12A-06P-FF-SR8B01-00AH	PMSH-M12A-08P-FF-SR8B01-00AH
	3m	PMSH-M12A-03P-FF-SR8B03-00AH	PMSH-M12A-04P-FF-SR8B03-00AH	PMSH-M12A-05P-FF-SR8B03-00AH	PMSH-M12A-06P-FF-SR8B03-00AH	PMSH-M12A-08P-FF-SR8B03-00AH
	5m	PMSH-M12A-03P-FF-SR8B05-00AH	PMSH-M12A-04P-FF-SR8B05-00AH	PMSH-M12A-05P-FF-SR8B05-00AH	PMSH-M12A-06P-FF-SR8B05-00AH	PMSH-M12A-08P-FF-SR8B05-00AH
	Customized	·····	·····	·····	·····	·····
cULus PVC	1m	PMSH-M12A-03P-FF-SR8C01-00AH	PMSH-M12A-04P-FF-SR8C01-00AH	PMSH-M12A-05P-FF-SR8C01-00AH	PMSH-M12A-06P-FF-SR8C01-00AH	PMSH-M12A-08P-FF-SR8C01-00AH
	3m	PMSH-M12A-03P-FF-SR8C03-00AH	PMSH-M12A-04P-FF-SR8C03-00AH	PMSH-M12A-05P-FF-SR8C03-00AH	PMSH-M12A-06P-FF-SR8C03-00AH	PMSH-M12A-08P-FF-SR8C03-00AH
	5m	PMSH-M12A-03P-FF-SR8C05-00AH	PMSH-M12A-04P-FF-SR8C05-00AH	PMSH-M12A-05P-FF-SR8C05-00AH	PMSH-M12A-06P-FF-SR8C05-00AH	PMSH-M12A-08P-FF-SR8C05-00AH
	Customized	·····	·····	·····	·····	·····
cULus PUR	1m	PMSH-M12A-03P-FF-SR8D01-00AH	PMSH-M12A-04P-FF-SR8D01-00AH	PMSH-M12A-05P-FF-SR8D01-00AH	PMSH-M12A-06P-FF-SR8D01-00AH	PMSH-M12A-08P-FF-SR8D01-00AH
	3m	PMSH-M12A-03P-FF-SR8D03-00AH	PMSH-M12A-04P-FF-SR8D03-00AH	PMSH-M12A-05P-FF-SR8D03-00AH	PMSH-M12A-06P-FF-SR8D03-00AH	PMSH-M12A-08P-FF-SR8D03-00AH
	5m	PMSH-M12A-03P-FF-SR8D05-00AH	PMSH-M12A-04P-FF-SR8D05-00AH	PMSH-M12A-05P-FF-SR8D05-00AH	PMSH-M12A-06P-FF-SR8D05-00AH	PMSH-M12A-08P-FF-SR8D05-00AH
	Customized	·····	·····	·····	·····	·····

DEGSON
M12 Series

M12 x 1 Female Overmolded with Cable Plug,Single end, Shielded, Angled.





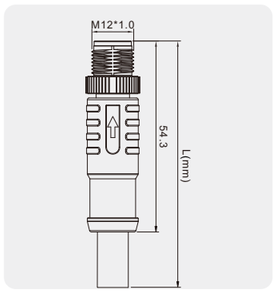
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female,Angled	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Shielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP68	—	—

Number of Pins		10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View					
Rated current	A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.	30V	30V	30V	60V	250V
Wire/Cable	Wire gauge	26AWG	26AWG	26AWG	22AWG	22AWG
	Cross section	0.14mm²	0.14mm²	0.14mm²	0.34mm²	0.34mm²
	Wiring list	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU 13.WH/GN 14.BN/GN 15.WH/YW 16.YW/BN 17.WH/GY	1.BN 2.WH 3.BU 4.BK 5.GY	1.YW 2.WH 3.OG 4.BU
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PVC	1m	PMSH-M12A-10P-FF-SR8A01-00AH	PMSH-M12A-12P-FF-SR8A01-00AH	PMSH-M12A-17P-FF-SR8A01-00AH	PMSH-M12B-05P-FF-SR8A01-00AH	PMSH-M12D-04P-FF-SR8A01-00AH
	3m	PMSH-M12A-10P-FF-SR8A03-00AH	PMSH-M12A-12P-FF-SR8A03-00AH	PMSH-M12A-17P-FF-SR8A03-00AH	PMSH-M12B-05P-FF-SR8A03-00AH	PMSH-M12D-04P-FF-SR8A03-00AH
	5m	PMSH-M12A-10P-FF-SR8A05-00AH	PMSH-M12A-12P-FF-SR8A05-00AH	PMSH-M12A-17P-FF-SR8A05-00AH	PMSH-M12B-05P-FF-SR8A05-00AH	PMSH-M12D-04P-FF-SR8A05-00AH
	Customized	·····	·····	·····	·····	·····
PUR	1m	PMSH-M12A-10P-FF-SR8B01-00AH	PMSH-M12A-12P-FF-SR8B01-00AH	PMSH-M12A-17P-FF-SR8B01-00AH	PMSH-M12B-05P-FF-SR8B01-00AH	PMSH-M12D-04P-FF-SR8B01-00AH
	3m	PMSH-M12A-10P-FF-SR8B03-00AH	PMSH-M12A-12P-FF-SR8B03-00AH	PMSH-M12A-17P-FF-SR8B03-00AH	PMSH-M12B-05P-FF-SR8B03-00AH	PMSH-M12D-04P-FF-SR8B03-00AH
	5m	PMSH-M12A-10P-FF-SR8B05-00AH	PMSH-M12A-12P-FF-SR8B05-00AH	PMSH-M12A-17P-FF-SR8B05-00AH	PMSH-M12B-05P-FF-SR8B05-00AH	PMSH-M12D-04P-FF-SR8B05-00AH
	Customized	·····	·····	·····	·····	·····
cULus PVC	1m	PMSH-M12A-10P-FF-SR8C01-00AH	PMSH-M12A-12P-FF-SR8C01-00AH	PMSH-M12A-17P-FF-SR8C01-00AH	PMSH-M12B-05P-FF-SR8C01-00AH	PMSH-M12D-04P-FF-SR8C01-00AH
	3m	PMSH-M12A-10P-FF-SR8C03-00AH	PMSH-M12A-12P-FF-SR8C03-00AH	PMSH-M12A-17P-FF-SR8C03-00AH	PMSH-M12B-05P-FF-SR8C03-00AH	PMSH-M12D-04P-FF-SR8C03-00AH
	5m	PMSH-M12A-10P-FF-SR8C05-00AH	PMSH-M12A-12P-FF-SR8C05-00AH	PMSH-M12A-17P-FF-SR8C05-00AH	PMSH-M12B-05P-FF-SR8C05-00AH	PMSH-M12D-04P-FF-SR8C05-00AH
	Customized	·····	·····	·····	·····	·····
cULus PUR	1m	PMSH-M12A-10P-FF-SR8D01-00AH	PMSH-M12A-12P-FF-SR8D01-00AH	PMSH-M12A-17P-FF-SR8D01-00AH	PMSH-M12B-05P-FF-SR8D01-00AH	PMSH-M12D-04P-FF-SR8D01-00AH
	3m	PMSH-M12A-10P-FF-SR8D03-00AH	PMSH-M12A-12P-FF-SR8D03-00AH	PMSH-M12A-17P-FF-SR8D03-00AH	PMSH-M12B-05P-FF-SR8D03-00AH	PMSH-M12D-04P-FF-SR8D03-00AH
	5m	PMSH-M12A-10P-FF-SR8D05-00AH	PMSH-M12A-12P-FF-SR8D05-00AH	PMSH-M12A-17P-FF-SR8D05-00AH	PMSH-M12B-05P-FF-SR8D05-00AH	PMSH-M12D-04P-FF-SR8D05-00AH
	Customized	·····	·····	·····	·····	·····

M12 x 1 Male Overmolded with Cable Plug,Single end,Unshielded,Straight.





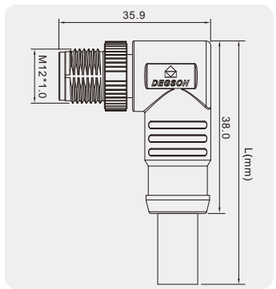
Technical Data

Standard	IEC 61076	Contact carriers material	PU
Series	M12, Male,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	12A max.	Seal	Silicone
Rated voltage	630V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ + 80℃	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin		04 Pin	
Coding	Coded	S-Coded	T-Coded	S-Coded	T-Coded
	Front View				
Rated current	A.	12A	12A	12A	12A
Rated voltage	V.	630V	63V	630V	63V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²	1.5mm²
	Wiring list	1.BK1 3.BK3 4.YE/GN	1.BN 3.BU 4.BK	1.BK1 2.BK2 3.BK3 4.YE/GN	1.BN 2.WH 3.BU 4.BK
Description		Order NO .	Order NO .	Order NO .	Order NO .
PVC	1m	PM-M12S-03P-MM-SL8A01-00AH	PM-M12T-03P-MM-SL8A01-00AH	PM-M12S-04P-MM-SL8A01-00AH	PM-M12T-04P-MM-SL8A01-00AH
	3m	PM-M12S-03P-MM-SL8A03-00AH	PM-M12T-03P-MM-SL8A03-00AH	PM-M12S-04P-MM-SL8A03-00AH	PM-M12T-04P-MM-SL8A03-00AH
	5m	PM-M12S-03P-MM-SL8A05-00AH	PM-M12T-03P-MM-SL8A05-00AH	PM-M12S-04P-MM-SL8A05-00AH	PM-M12T-04P-MM-SL8A05-00AH
	Customized	·····	·····	·····	·····
PUR	1m	PM-M12S-03P-MM-SL8B01-00AH	PM-M12T-03P-MM-SL8B01-00AH	PM-M12S-04P-MM-SL8B01-00AH	PM-M12T-04P-MM-SL8B01-00AH
	3m	PM-M12S-03P-MM-SL8B03-00AH	PM-M12T-03P-MM-SL8B03-00AH	PM-M12S-04P-MM-SL8B03-00AH	PM-M12T-04P-MM-SL8B03-00AH
	5m	PM-M12S-03P-MM-SL8B05-00AH	PM-M12T-03P-MM-SL8B05-00AH	PM-M12S-04P-MM-SL8B05-00AH	PM-M12T-04P-MM-SL8B05-00AH
	Customized	·····	·····	·····	·····

M12 x 1 Male Overmolded with Cable Plug,Single end,Unshielded,Angled.



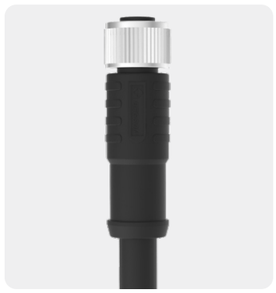


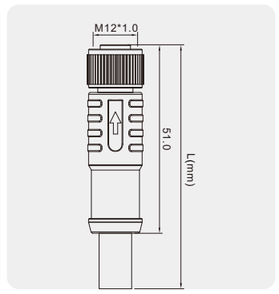
Technical Data

Standard	IEC 61076	Contact carriers material	PU
Series	M12, Male,Angled	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	12A max.	Seal	Silicone
Rated voltage	630V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ + 80℃	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin		04 Pin	
Coding	Coded	S-Coded	T-Coded	S-Coded	T-Coded
	Front View				
Rated current	A.	12A	12A	12A	12A
Rated voltage	V.	630V	63V	630V	63V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²	1.5mm²
	Wiring list	1.BK1 3.BK3 4.YE/GN	1.BN 3.BU 4.BK	1.BK1 2.BK2 3.BK3 4.YE/GN	1.BN 2.WH 3.BU 4.BK
Description		Order NO .	Order NO .	Order NO .	Order NO .
PVC	1m	PM-M12S-03P-MM-SR8A01-00AH	PM-M12T-03P-MM-SR8A01-00AH	PM-M12S-04P-MM-SR8A01-00AH	PM-M12T-04P-MM-SR8A01-00AH
	3m	PM-M12S-03P-MM-SR8A03-00AH	PM-M12T-03P-MM-SR8A03-00AH	PM-M12S-04P-MM-SR8A03-00AH	PM-M12T-04P-MM-SR8A03-00AH
	5m	PM-M12S-03P-MM-SR8A05-00AH	PM-M12T-03P-MM-SR8A05-00AH	PM-M12S-04P-MM-SR8A05-00AH	PM-M12T-04P-MM-SR8A05-00AH
	Customized	·····	·····	·····	·····
PUR	1m	PM-M12S-03P-MM-SR8B01-00AH	PM-M12T-03P-MM-SR8B01-00AH	PM-M12S-04P-MM-SR8B01-00AH	PM-M12T-04P-MM-SR8B01-00AH
	3m	PM-M12S-03P-MM-SR8B03-00AH	PM-M12T-03P-MM-SR8B03-00AH	PM-M12S-04P-MM-SR8B03-00AH	PM-M12T-04P-MM-SR8B03-00AH
	5m	PM-M12S-03P-MM-SR8B05-00AH	PM-M12T-03P-MM-SR8B05-00AH	PM-M12S-04P-MM-SR8B05-00AH	PM-M12T-04P-MM-SR8B05-00AH
	Customized	·····	·····	·····	·····

M12 x 1 Female Overmolded with Cable Plug,Single end,Unshielded,Straight.



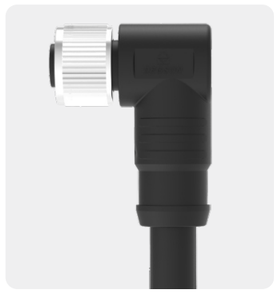


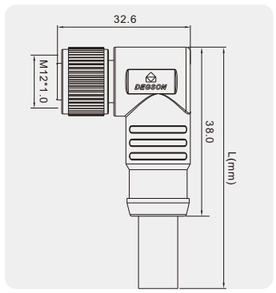
Technical Data

Standard	IEC 61076	Contact carriers material	PU
Series	M12, Female,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	12A max.	Seal	Silicone
Rated voltage	630V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ + 80℃	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin		04 Pin	
Coding	Coded	S-Coded	T-Coded	S-Coded	T-Coded
	Front View				
Rated current	A.	12A	12A	12A	12A
Rated voltage	V.	630V	63V	630V	63V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²	1.5mm²
	Wiring list	1.BK1 3.BK3 4.YE/GN	1.BN 3.BU 4.BK	1.BK1 2.BK2 3.BK3 4.YE/GN	1.BN 2.WH 3.BU 4.BK
Description		Order NO .		Order NO .	Order NO .
PVC	1m	PM-M12S-03P-FF-SL8A01-00AH	PM-M12T-03P-FF-SL8A01-00AH	PM-M12S-04P-FF-SL8A01-00AH	PM-M12T-04P-FF-SL8A01-00AH
	3m	PM-M12S-03P-FF-SL8A03-00AH	PM-M12T-03P-FF-SL8A03-00AH	PM-M12S-04P-FF-SL8A03-00AH	PM-M12T-04P-FF-SL8A03-00AH
	5m	PM-M12S-03P-FF-SL8A05-00AH	PM-M12T-03P-FF-SL8A05-00AH	PM-M12S-04P-FF-SL8A05-00AH	PM-M12T-04P-FF-SL8A05-00AH
	Customized	·····	·····	·····	·····
PUR	1m	PM-M12S-03P-FF-SL8B01-00AH	PM-M12T-03P-FF-SL8B01-00AH	PM-M12S-04P-FF-SL8B01-00AH	PM-M12T-04P-FF-SL8B01-00AH
	3m	PM-M12S-03P-FF-SL8B03-00AH	PM-M12T-03P-FF-SL8B03-00AH	PM-M12S-04P-FF-SL8B03-00AH	PM-M12T-04P-FF-SL8B03-00AH
	5m	PM-M12S-03P-FF-SL8B05-00AH	PM-M12T-03P-FF-SL8B05-00AH	PM-M12S-04P-FF-SL8B05-00AH	PM-M12T-04P-FF-SL8B05-00AH
	Customized	·····	·····	·····	·····

M12 x 1 Female Overmolded with Cable Plug,Single end,Unshielded,Angled.



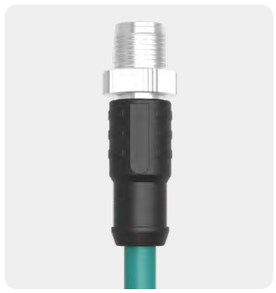


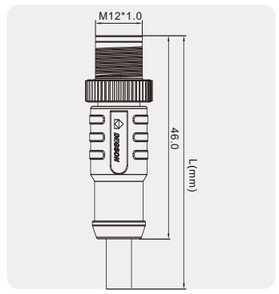
Technical Data

Standard	IEC 61076	Contact carriers material	PU
Series	M12, Female,Angled	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	12A max.	Seal	Silicone
Rated voltage	630V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ + 80℃	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin		04 Pin	
Coding	Coded	S-Coded	T-Coded	S-Coded	T-Coded
	Front View				
Rated current	A.	12A	12A	12A	12A
Rated voltage	V.	630V	63V	630V	63V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²	1.5mm²
	Wiring list	1.BK1 3.BK3 4.YE/GN	1.BN 3.BU 4.BK	1.BK1 2.BK2 3.BK3 4.YE/GN	1.BN 2.WH 3.BU 4.BK
Description		Order NO .	Order NO .	Order NO .	Order NO .
PVC	1m	PM-M12S-03P-FF-SR8A01-00AH	PM-M12T-03P-FF-SR8A01-00AH	PM-M12S-04P-FF-SR8A01-00AH	PM-M12T-04P-FF-SR8A01-00AH
	3m	PM-M12S-03P-FF-SR8A03-00AH	PM-M12T-03P-FF-SR8A03-00AH	PM-M12S-04P-FF-SR8A03-00AH	PM-M12T-04P-FF-SR8A03-00AH
	5m	PM-M12S-03P-FF-SR8A05-00AH	PM-M12T-03P-FF-SR8A05-00AH	PM-M12S-04P-FF-SR8A05-00AH	PM-M12T-04P-FF-SR8A05-00AH
	Customized	·····	·····	·····	·····
PUR	1m	PM-M12S-03P-FF-SR8B01-00AH	PM-M12T-03P-FF-SR8B01-00AH	PM-M12S-04P-FF-SR8B01-00AH	PM-M12T-04P-FF-SR8B01-00AH
	3m	PM-M12S-03P-FF-SR8B03-00AH	PM-M12T-03P-FF-SR8B03-00AH	PM-M12S-04P-FF-SR8B03-00AH	PM-M12T-04P-FF-SR8B03-00AH
	5m	PM-M12S-03P-FF-SR8B05-00AH	PM-M12T-03P-FF-SR8B05-00AH	PM-M12S-04P-FF-SR8B05-00AH	PM-M12T-04P-FF-SR8B05-00AH
	Customized	·····	·····	·····	·····

M12 x 1 Male Overmolded with Cable Plug,Single end,Shielded,Straight.



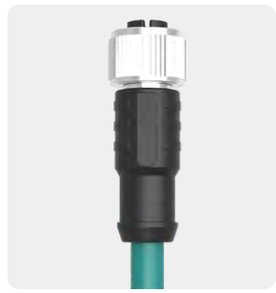


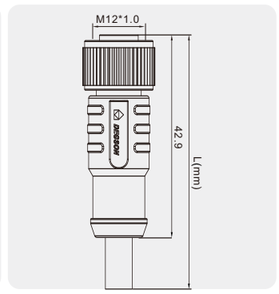
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	08 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	0.5A max.	Seal	Silicone
Rated voltage	50V AC / 60V DC	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Shielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +75℃	—	—
IP Class	IP67	—	—

Number of Pins		08 Pin
Coding	Coded	X-Coded
	Front View	
Rated current	A.	0.5A
Rated voltage	V.	50V AC / 60V DC
Wire/Cable	Wire gauge	26AWG
	Cross section	0.14mm^2
	Wiring list	1.WH / OG 2.OG 3.WH / GN 4.GN 5.WH / BN 6.BN 7.WH / BU 8.BU
Description		Order NO .
CAT6A	1m	PMSH-M12X-08P-MM-SL7X01-00AH
	3m	PMSH-M12X-08P-MM-SL7X03-00AH
	5m	PMSH-M12X-08P-MM-SL7X05-00AH
	Customized	·····

M12 x 1 Female Overmolded with Cable Plug,Single end,Shielded,Straight.



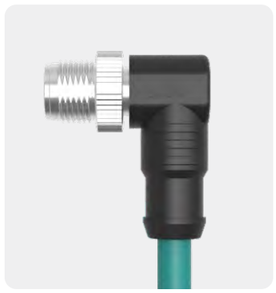


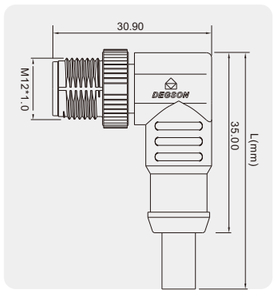
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	08 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	0.5A max.	Seal	Silicone
Rated voltage	50V AC / 60V DC	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Shielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +75℃	—	—
IP Class	IP67	—	—

Number of Pins		08 Pin
Coding	Coded	X-Coded
	Front View	
Rated current	A.	0.5A
Rated voltage	V.	50V AC / 60V DC
Wire/Cable	Wire gauge	26AWG
	Cross section	0.14mm^2
	Wiring list	1.WH / OG 2.OG 3.WH / GN 4.GN 5.WH / BN 6.BN 7.WH / BU 8.BU
Description		Order NO .
CAT6A	1m	PMSH-M12X-08P-FF-SL7X01-00AH
	3m	PMSH-M12X-08P-FF-SL7X03-00AH
	5m	PMSH-M12X-08P-FF-SL7X05-00AH
	Customized	·····

M12 x 1 Male Overmolded with Cable Plug,Single end,Shielded,Angled.





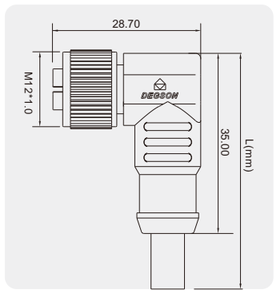
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	08 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	0.5A max.	Seal	Silicone
Rated voltage	50V AC / 60V DC	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Shielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +75℃	—	—
IP Class	IP67	—	—

Number of Pins		08 Pin
Coding	Coded	X-Coded
	Front View	
Rated current	A.	0.5A
Rated voltage	V.	50V AC / 60V DC
Wire/Cable	Wire gauge	26AWG
	Cross section	0.14mm^2
	Wiring list	1.WH / OG 2.OG 3.WH / GN 4.GN 5.WH / BN 6.BN 7.WH / BU 8.BU
Description		Order NO .
CAT6A	1m	PMSH-M12X-08P-MM-SR7X01-00AH
	3m	PMSH-M12X-08P-MM-SR7X03-00AH
	5m	PMSH-M12X-08P-MM-SR7X05-00AH
	Customized	·····

M12 x 1 Female Overmolded with Cable Plug,Single end,Shielded,Angled.





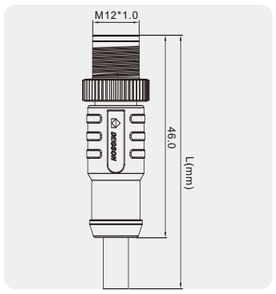
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	08 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	0.5A max.	Seal	Silicone
Rated voltage	50V AC / 60V DC	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Shielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +75℃	—	—
IP Class	IP67	—	—

Number of Pins		08 Pin
Coding	Coded	X-Coded
	Front View	
Rated current	A.	0.5A
Rated voltage	V.	50V AC / 60V DC
Wire/Cable	Wire gauge	26AWG
	Cross section	0.14mm^2
	Wiring list	1.WH / OG 2.OG 3.WH / GN 4.GN 5.WH / BN 6.BN 7.WH / BU 8.BU
Description		Order NO .
CAT6A	1m	PMSH-M12X-08P-FF-SR7X01-00AH
	3m	PMSH-M12X-08P-FF-SR7X03-00AH
	5m	PMSH-M12X-08P-FF-SR7X05-00AH
	Customized	·····

M12 x 1 Male Overmolded with Cable Plug,Single end,Unshielded,Straight,LED.





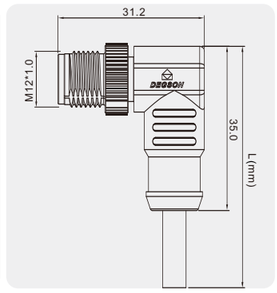
Technical Data

Standard	IEC 61076	Contact carriers material	PU
Series	M12, Male,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	04,05 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP68	—	—

Number of Pins		04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	4A	4A
Rated voltage	V.	250V	60V
Wire/Cable	Wire gauge	22AWG	22AWG
	Cross section	0.34mm²	0.34mm²
	Wiring list	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY
Description		Order NO .	Order NO .
PVC	1m	PL-M12A-04P-MM-SL8A01-00AH	PL-M12A-05P-MM-SL8A01-00AH
	3m	PL-M12A-04P-MM-SL8A03-00AH	PL-M12A-05P-MM-SL8A03-00AH
	5m	PL-M12A-04P-MM-SL8A05-00AH	PL-M12A-05P-MM-SL8A05-00AH
	Customized	·····	·····
PUR	1m	PL-M12A-04P-MM-SL8B01-00AH	PL-M12A-05P-MM-SL8B01-00AH
	3m	PL-M12A-04P-MM-SL8B03-00AH	PL-M12A-05P-MM-SL8B03-00AH
	5m	PL-M12A-04P-MM-SL8B05-00AH	PL-M12A-05P-MM-SL8B05-00AH
	Customized	·····	·····

M12 x 1 Male Overmolded with Cable Plug, Single end,Unshielded, Angled,LED.





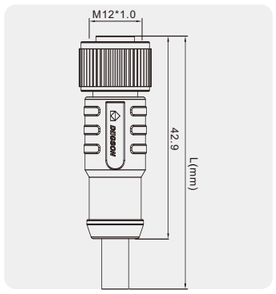
Technical Data

Standard	IEC 61076	Contact carriers material	PU
Series	M12, Male,Angled	Contact material	Copper Alloy, Gold-plated
Number of Pins	04,05 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP68	—	—

Number of Pins		04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	4A	4A
Rated voltage	V.	250V	60V
Wire/Cable	Wire gauge	22AWG	22AWG
	Cross section	0.34mm²	0.34mm²
	Wiring list	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY
Description		Order NO .	Order NO .
PVC	1m	PL-M12A-04P-MM-SR8A01-00AH	PL-M12A-05P-MM-SR8A01-00AH
	3m	PL-M12A-04P-MM-SR8A03-00AH	PL-M12A-05P-MM-SR8A03-00AH
	5m	PL-M12A-04P-MM-SR8A05-00AH	PL-M12A-05P-MM-SR8A05-00AH
	Customized	·····	·····
PUR	1m	PL-M12A-04P-MM-SR8B01-00AH	PL-M12A-05P-MM-SR8B01-00AH
	3m	PL-M12A-04P-MM-SR8B03-00AH	PL-M12A-05P-MM-SR8B03-00AH
	5m	PL-M12A-04P-MM-SR8B05-00AH	PL-M12A-05P-MM-SR8B05-00AH
	Customized	·····	·····

M12 x 1 Female Overmolded with Cable Plug,Single end,Unshielded,Straight, LED.





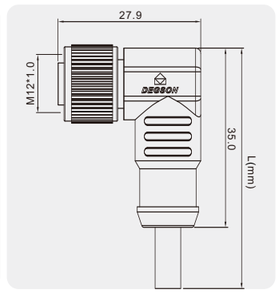
Technical Data

Standard	IEC 61076	Contact carriers material	PU
Series	M12, Female,Straight	Contact material	Copper Alloy, Gold-plated
Number of Pins	04,05 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP68	—	—

Number of Pins		04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	4A	4A
Rated voltage	V.	250V	60V
Wire/Cable	Wire gauge	22AWG	22AWG
	Cross section	0.34mm²	0.34mm²
	Wiring list	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY
Description		Order NO .	Order NO .
PVC	1m	PL-M12A-04P-FF-SL8A01-00AH	PL-M12A-05P-FF-SL8A01-00AH
	3m	PL-M12A-04P-FF-SL8A03-00AH	PL-M12A-05P-FF-SL8A03-00AH
	5m	PL-M12A-04P-FF-SL8A05-00AH	PL-M12A-05P-FF-SL8A05-00AH
	Customized	·····	·····
PUR	1m	PL-M12A-04P-FF-SL8B01-00AH	PL-M12A-05P-FF-SL8B01-00AH
	3m	PL-M12A-04P-FF-SL8B03-00AH	PL-M12A-05P-FF-SL8B03-00AH
	5m	PL-M12A-04P-FF-SL8B05-00AH	PL-M12A-05P-FF-SL8B05-00AH
	Customized	·····	·····

M12 x 1 Female Overmolded with Cable Plug,Single end,Unshielded,Angled, LED.





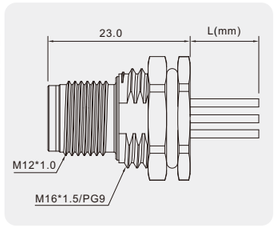
Technical Data

Standard	IEC 61076	Contact carriers material	PU
Series	M12, Female,Angled	Contact material	Copper Alloy, Gold-plated
Number of Pins	04,05 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Cable jacket material	PUR / PVC
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP68	—	—

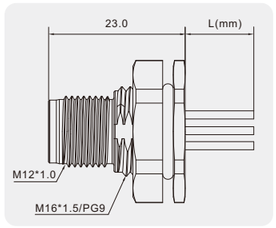
Number of Pins		04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded
	Front View		
Rated current	A.	4A	4A
Rated voltage	V.	250V	60V
Wire/Cable	Wire gauge	22AWG	22AWG
	Cross section	0.34mm²	0.34mm²
	Wiring list	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY
Description		Order NO .	Order NO .
PVC	1m	PL-M12A-04P-FF-SR8A01-00AH	PL-M12A-05P-FF-SR8A01-00AH
	3m	PL-M12A-04P-FF-SR8A03-00AH	PL-M12A-05P-FF-SR8A03-00AH
	5m	PL-M12A-04P-FF-SR8A05-00AH	PL-M12A-05P-FF-SR8A05-00AH
	Customized	·····	·····
PUR	1m	PL-M12A-04P-FF-SR8B01-00AH	PL-M12A-05P-FF-SR8B01-00AH
	3m	PL-M12A-04P-FF-SR8B03-00AH	PL-M12A-05P-FF-SR8B03-00AH
	5m	PL-M12A-04P-FF-SR8B05-00AH	PL-M12A-05P-FF-SR8B05-00AH
	Customized	·····	·····

M12 x 1 Male Panel Mount Receptacle,
Rear Mounting,With 0.5m wires.









Technical Data

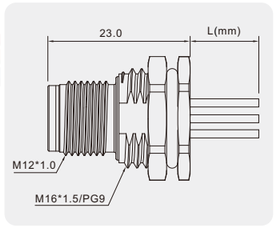
Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal shell	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic shell	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	For Panel Thinkness Max	4.5mm (Metal shell)
IP Class	IP68		3.0mm (Plastic shell)

Number of Pins			03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded		A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View						
Rated current	A.		4A	4A	4A	2A	2A
Rated voltage	V.		250V	250V	60V	30V	30V
Wire/Cable	Wire gauge		22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section		0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
	Wiring list		1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.WH 2.BN 3.GN 4.YE 6.PK 7.BU	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description			Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9	Metal shell	0.5m	SD-M12A-03P-MM-SF8A50-00AH	SD-M12A-04P-MM-SF8A50-00AH	SD-M12A-05P-MM-SF8A50-00AH	SD-M12A-06P-MM-SF8A50-00AH	SD-M12A-08P-MM-SF8A50-00AH
	Plastic shell	0.5m	SD-M12A-03P-MM-SF8D50-00AH	SD-M12A-04P-MM-SF8D50-00AH	SD-M12A-05P-MM-SF8D50-00AH	SD-M12A-06P-MM-SF8D50-00AH	SD-M12A-08P-MM-SF8D50-00AH
Customized			.....	.....	.....	.....	.....
M16*1.5	Metal shell	0.5m	SD-M12A-03P-MM-SF8B50-00AH	SD-M12A-04P-MM-SF8B50-00AH	SD-M12A-05P-MM-SF8B50-00AH	SD-M12A-06P-MM-SF8B50-00AH	SD-M12A-08P-MM-SF8B50-00AH
	Plastic shell	0.5m	SD-M12A-03P-MM-SF8E50-00AH	SD-M12A-04P-MM-SF8E50-00AH	SD-M12A-05P-MM-SF8E50-00AH	SD-M12A-06P-MM-SF8E50-00AH	SD-M12A-08P-MM-SF8E50-00AH
Customized			.....	.....	.....	.....	.....

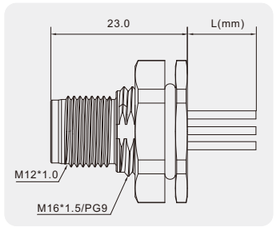
DEGSON
M12 Series

M12 x 1 Male Panel Mount Receptacle,
Rear Mounting,With 0.5m wires.







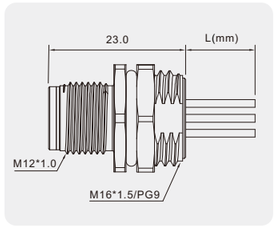


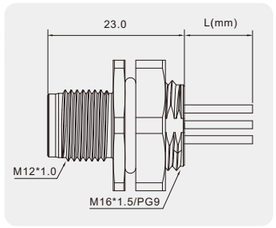
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal shell	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic shell	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	For Panel Thinkness Max	4.5mm (Metal shell)
IP Class	IP68		3.0mm (Plastic shell)

Number of Pins			10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded		A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View						
Rated current	A.		1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.		30V	30V	30V	60V	250V
Wire/Cable	Wire gauge		26AWG	26AWG	26AWG	22AWG	22AWG
	Cross section		0.14mm²	0.14mm²	0.14mm²	0.34mm²	0.34mm²
	Wiring list		1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU 13.WH/GN 14.BN/GN 15.WH/YW 16.YW/BN 17.WH/GY	1.BN 2.WH 3.BU 4.BK 5.GY	1.BN 2.WH 3.BU 4.BK
Description			Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9	Metal shell	0.5m	SD-M12A-10P-MM-SF8A50-00AH	SD-M12A-12P-MM-SF8A50-00AH	SD-M12A-17P-MM-SF8A50-00AH	SD-M12B-05P-MM-SF8A50-00AH	SD-M12D-04P-MM-SF8A50-00AH
	Plastic shell	0.5m	SD-M12A-10P-MM-SF8D50-00AH	SD-M12A-12P-MM-SF8D50-00AH	SD-M12A-17P-MM-SF8D50-00AH	SD-M12B-05P-MM-SF8D50-00AH	SD-M12D-04P-MM-SF8D50-00AH
Customized			.....	.....	.....	.....	.....
M16*1.5	Metal shell	0.5m	SD-M12A-10P-MM-SF8B50-00AH	SD-M12A-12P-MM-SF8B50-00AH	SD-M12A-17P-MM-SF8B50-00AH	SD-M12B-05P-MM-SF8B50-00AH	SD-M12D-04P-MM-SF8B50-00AH
	Plastic shell	0.5m	SD-M12A-10P-MM-SF8E50-00AH	SD-M12A-12P-MM-SF8E50-00AH	SD-M12A-17P-MM-SF8E50-00AH	SD-M12B-05P-MM-SF8E50-00AH	SD-M12D-04P-MM-SF8E50-00AH
Customized			.....	.....	.....	.....	.....

M12 x 1 Male Panel Mount Receptacle,
Front Mounting,With 0.5m wires.

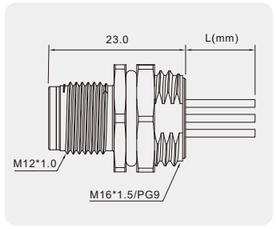
Technical Data

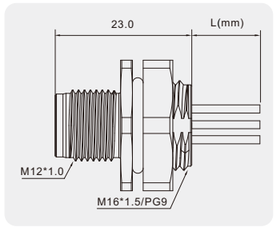
Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal shell	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic shell	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	For Panel Thinkness Max	4.5mm (Metal shell)
IP Class	IP68		3.0mm (Plastic shell)

Number of Pins			03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded		A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View						
Rated current	A.		4A	4A	4A	2A	2A
Rated voltage	V.		250V	250V	60V	30V	30V
Wire/Cable	Wire gauge		22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section		0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
	Wiring list		1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.WH 2.BN 3.GN 4.YE 6.PK 7.BU	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description			Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9	Metal shell	0.5m	SD-M12A-03P-MM-SH8A50-00AH	SD-M12A-04P-MM-SH8A50-00AH	SD-M12A-05P-MM-SH8A50-00AH	SD-M12A-06P-MM-SH8A50-00AH	SD-M12A-08P-MM-SH8A50-00AH
	Plastic shell	0.5m	SD-M12A-03P-MM-SH8D50-00AH	SD-M12A-04P-MM-SH8D50-00AH	SD-M12A-05P-MM-SH8D50-00AH	SD-M12A-06P-MM-SH8D50-00AH	SD-M12A-08P-MM-SH8D50-00AH
Customized			.....	.....	.....	.....	.....
M16*1.5	Metal shell	0.5m	SD-M12A-03P-MM-SH8B50-00AH	SD-M12A-04P-MM-SH8B50-00AH	SD-M12A-05P-MM-SH8B50-00AH	SD-M12A-06P-MM-SH8B50-00AH	SD-M12A-08P-MM-SH8B50-00AH
	Plastic shell	0.5m	SD-M12A-03P-MM-SH8E50-00AH	SD-M12A-04P-MM-SH8E50-00AH	SD-M12A-05P-MM-SH8E50-00AH	SD-M12A-06P-MM-SH8E50-00AH	SD-M12A-08P-MM-SH8E50-00AH
Customized			.....	.....	.....	.....	.....

DEGSON
M12 Series

M12 x 1 Male Panel Mount Receptacle,
Front Mounting,With 0.5m wires.

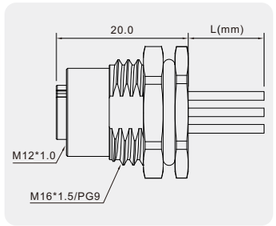
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal shell	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic shell	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	For Panel Thinkness Max	4.5mm (Metal shell)
IP Class	IP68		3.0mm (Plastic shell)

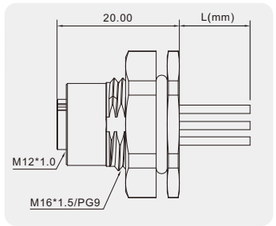
Number of Pins			10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded		A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View						
Rated current	A.		1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.		30V	30V	30V	60V	250V
Wire/Cable	Wire gauge		26AWG	26AWG	26AWG	22AWG	22AWG
	Cross section		0.14mm²	0.14mm²	0.14mm²	0.34mm²	0.34mm²
	Wiring list		1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU 13.WH/GN 14.BN/GN 15.WH/YW 16.YW/BN 17.WH/GY	1.BN 2.WH 3.BU 4.BK 5.GY	1.BN 2.WH 3.BU 4.BK
Description			Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9	Metal shell	0.5m	SD-M12A-10P-MM-SH8A50-00AH	SD-M12A-12P-MM-SH8A50-00AH	SD-M12A-17P-MM-SH8A50-00AH	SD-M12B-05P-MM-SH8A50-00AH	SD-M12D-04P-MM-SH8A50-00AH
	Plastic shell	0.5m	SD-M12A-10P-MM-SH8D50-00AH	SD-M12A-12P-MM-SH8D50-00AH	SD-M12A-17P-MM-SH8D50-00AH	SD-M12B-05P-MM-SH8D50-00AH	SD-M12D-04P-MM-SH8D50-00AH
Customized			.....	.....	.....	.....	.....
M16*1.5	Metal shell	0.5m	SD-M12A-10P-MM-SH8B50-00AH	SD-M12A-12P-MM-SH8B50-00AH	SD-M12A-17P-MM-SH8B50-00AH	SD-M12B-05P-MM-SH8B50-00AH	SD-M12D-04P-MM-SH8B50-00AH
	Plastic shell	0.5m	SD-M12A-10P-MM-SH8E50-00AH	SD-M12A-12P-MM-SH8E50-00AH	SD-M12A-17P-MM-SH8E50-00AH	SD-M12B-05P-MM-SH8E50-00AH	SD-M12D-04P-MM-SH8E50-00AH
Customized			.....	.....	.....	.....	.....

M12 x 1 Female Panel Mount Receptacle,
Rear Mounting, With 0.5m wires.









Technical Data

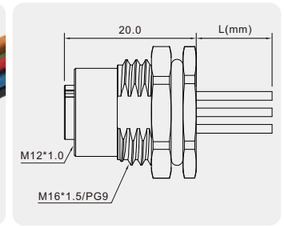
Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal shell	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic shell	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	For Panel Thinkness Max	4.5mm (Metal shell)
IP Class	IP68		3.0mm (Plastic shell)

Number of Pins			03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded		A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View						
Rated current	A.		4A	4A	4A	2A	2A
Rated voltage	V.		250V	250V	60V	30V	30V
Wire/Cable	Wire gauge		22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section		0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
	Wiring list		1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.WH 2.BN 3.GN 4.YE 6.PK 7.BU	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description			Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9	Metal shell	0.5m	SD-M12A-03P-FF-SF8A50-00AH	SD-M12A-04P-FF-SF8A50-00AH	SD-M12A-05P-FF-SF8A50-00AH	SD-M12A-06P-FF-SF8A50-00AH	SD-M12A-08P-FF-SF8A50-00AH
	Plastic shell	0.5m	SD-M12A-03P-FF-SF8D50-00AH	SD-M12A-04P-FF-SF8D50-00AH	SD-M12A-05P-FF-SF8D50-00AH	SD-M12A-06P-FF-SF8D50-00AH	SD-M12A-08P-FF-SF8D50-00AH
Customized			.....	.....	.....	.....	.....
M16*1.5	Metal shell	0.5m	SD-M12A-03P-FF-SF8B50-00AH	SD-M12A-04P-FF-SF8B50-00AH	SD-M12A-05P-FF-SF8B50-00AH	SD-M12A-06P-FF-SF8B50-00AH	SD-M12A-08P-FF-SF8B50-00AH
	Plastic shell	0.5m	SD-M12A-03P-FF-SF8E50-00AH	SD-M12A-04P-FF-SF8E50-00AH	SD-M12A-05P-FF-SF8E50-00AH	SD-M12A-06P-FF-SF8E50-00AH	SD-M12A-08P-FF-SF8E50-00AH
Customized			.....	.....	.....	.....	.....

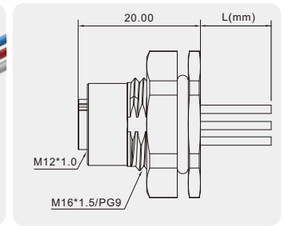
DEGSON
M12 Series

M12 x 1 Female Panel Mount Receptacle,
Rear Mounting, With 0.5m wires.









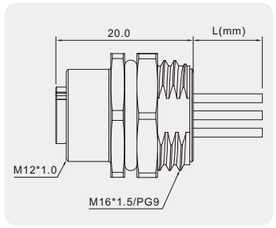
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal shell	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic shell	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	For Panel Thinkness Max	4.5mm (Metal shell)
IP Class	IP68		3.0mm (Plastic shell)

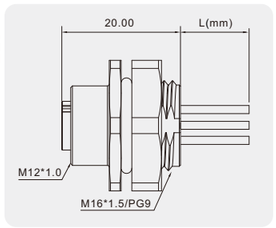
Number of Pins			10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded		A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View						
Rated current	A.		1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.		30V	30V	30V	60V	250V
Wire/Cable	Wire gauge		26AWG	26AWG	26AWG	22AWG	22AWG
	Cross section		0.14mm²	0.14mm²	0.14mm²	0.34mm²	0.34mm²
	Wiring list		1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU 13.WH/GN 14.BN/GN 15.WH/YW 16.YW/BN 17.WH/GY	1.BN 2.WH 3.BU 4.BK 5.GY	1.BN 2.WH 3.BU 4.BK
Description			Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9	Metal shell	0.5m	SD-M12A-10P-FF-SF8A50-00AH	SD-M12A-12P-FF-SF8A50-00AH	SD-M12A-17P-FF-SF8A50-00AH	SD-M12B-05P-FF-SF8A50-00AH	SD-M12D-04P-FF-SF8A50-00AH
	Plastic shell	0.5m	SD-M12A-10P-FF-SF8D50-00AH	SD-M12A-12P-FF-SF8D50-00AH	SD-M12A-17P-FF-SF8D50-00AH	SD-M12B-05P-FF-SF8D50-00AH	SD-M12D-04P-FF-SF8D50-00AH
Customized			.....	.....	.....	.....	.....
M16*1.5	Metal shell	0.5m	SD-M12A-10P-FF-SF8B50-00AH	SD-M12A-12P-FF-SF8B50-00AH	SD-M12A-17P-FF-SF8B50-00AH	SD-M12B-05P-FF-SF8B50-00AH	SD-M12D-04P-FF-SF8B50-00AH
	Plastic shell	0.5m	SD-M12A-10P-FF-SF8E50-00AH	SD-M12A-12P-FF-SF8E50-00AH	SD-M12A-17P-FF-SF8E50-00AH	SD-M12B-05P-FF-SF8E50-00AH	SD-M12D-04P-FF-SF8E50-00AH
Customized			.....	.....	.....	.....	.....

M12 x 1 Female Panel Mount Receptacle,
Front Mounting, With 0.5m wires.









Technical Data

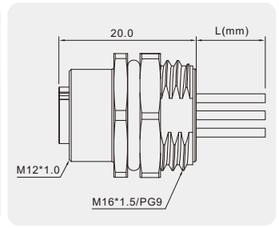
Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal shell	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic shell	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	For Panel Thinkness Max	4.5mm (Metal shell)
IP Class	IP68		3.0mm (Plastic shell)

Number of Pins			03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded		A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View						
Rated current	A.		4A	4A	4A	2A	2A
Rated voltage	V.		250V	250V	60V	30V	30V
Wire/Cable	Wire gauge		22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section		0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
	Wiring list		1.BN 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK	1.BN 2.WH 3.BU 4.BK 5.GY	1.WH 2.BN 3.GN 4.YE 6.PK 7.BU	1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Description			Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9	Metal shell	0.5m	SD-M12A-03P-FF-SH8A50-00AH	SD-M12A-04P-FF-SH8A50-00AH	SD-M12A-05P-FF-SH8A50-00AH	SD-M12A-06P-FF-SH8A50-00AH	SD-M12A-08P-FF-SH8A50-00AH
	Plastic shell	0.5m	SD-M12A-03P-FF-SH8D50-00AH	SD-M12A-04P-FF-SH8D50-00AH	SD-M12A-05P-FF-SH8D50-00AH	SD-M12A-06P-FF-SH8D50-00AH	SD-M12A-08P-FF-SH8D50-00AH
Customized			.....	.....	.....	.....	.....
M16*1.5	Metal shell	0.5m	SD-M12A-03P-FF-SH8B50-00AH	SD-M12A-04P-FF-SH8B50-00AH	SD-M12A-05P-FF-SH8B50-00AH	SD-M12A-06P-FF-SH8B50-00AH	SD-M12A-08P-FF-SH8B50-00AH
	Plastic shell	0.5m	SD-M12A-03P-FF-SH8E50-00AH	SD-M12A-04P-FF-SH8E50-00AH	SD-M12A-05P-FF-SH8E50-00AH	SD-M12A-06P-FF-SH8E50-00AH	SD-M12A-08P-FF-SH8E50-00AH
Customized			.....	.....	.....	.....	.....

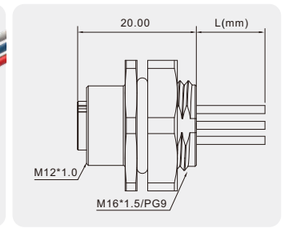
DEGSON
M12 Series

M12 x 1 Female Panel Mount Receptacle,
Front Mounting, With 0.5m wires.









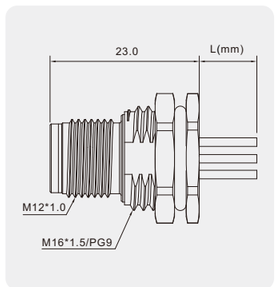
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal shell	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic shell	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +80℃	For Panel Thinkness Max	4.5mm (Metal shell)
IP Class	IP68		3.0mm (Plastic shell)

Number of Pins			10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded		A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View						
Rated current	A.		1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.		30V	30V	30V	60V	250V
Wire/Cable	Wire gauge		26AWG	26AWG	26AWG	22AWG	22AWG
	Cross section		0.14mm²	0.14mm²	0.14mm²	0.34mm²	0.34mm²
	Wiring list		1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU	1.BN 2.BU 3.WH 4.GN 5.PK 6.YW 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU 13.WH/GN 14.BN/GN 15.WH/YW 16.YW/BN 17.WH/GY	1.BN 2.WH 3.BU 4.BK 5.GY	1.BN 2.WH 3.BU 4.BK
Description			Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9	Metal shell	0.5m	SD-M12A-10P-FF-SH8A50-00AH	SD-M12A-12P-FF-SH8A50-00AH	SD-M12A-17P-FF-SH8A50-00AH	SD-M12B-05P-FF-SH8A50-00AH	SD-M12D-04P-FF-SH8A50-00AH
	Plastic shell	0.5m	SD-M12A-10P-FF-SH8D50-00AH	SD-M12A-12P-FF-SH8D50-00AH	SD-M12A-17P-FF-SH8D50-00AH	SD-M12B-05P-FF-SH8D50-00AH	SD-M12D-04P-FF-SH8D50-00AH
Customized			.....	.....	.....	.....	.....
M16*1.5	Metal shell	0.5m	SD-M12A-10P-FF-SH8B50-00AH	SD-M12A-12P-FF-SH8B50-00AH	SD-M12A-17P-FF-SH8B50-00AH	SD-M12B-05P-FF-SH8B50-00AH	SD-M12D-04P-FF-SH8B50-00AH
	Plastic shell	0.5m	SD-M12A-10P-FF-SH8E50-00AH	SD-M12A-12P-FF-SH8E50-00AH	SD-M12A-17P-FF-SH8E50-00AH	SD-M12B-05P-FF-SH8E50-00AH	SD-M12D-04P-FF-SH8E50-00AH
Customized			.....	.....	.....	.....	.....

M12 x 1 Male Panel Mount Receptacle,
Rear Mounting,With 0.5m wires.





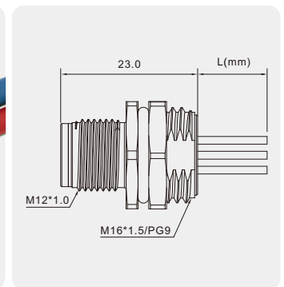
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	12A max.	Seal	Silicone
Rated voltage	630V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	For Panel Thinkness Max	4.5mm
Ambient temperature	- 25 ~ + 80℃	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin		04 Pin	
Coding	Coded	S-Coded	T-Coded	S-Coded	T-Coded
	Front View				
Rated current	A.	12A	12A	12A	12A
Rated voltage	V.	630V	63V	630V	63V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²	1.5mm²
	Wiring list	1.BK1 3.BK3 4.YE/GN	1.BN 3.BU 4.BK	1.BK1 2.BK2 3.BK3 4.YE/GN	1.BN 2.WH 3.BU 4.BK
Description		Order NO .	Order NO .	Order NO .	Order NO .
PG9	0.5m	SD-M12S-03P-MM-SF8A50-00AH	SD-M12T-03P-MM-SF8A50-00AH	SD-M12S-04P-MM-SF8A50-00AH	SD-M12T-04P-MM-SF8A50-00AH
	Customized	·····	·····	·····	·····
M16*1.5	0.5m	SD-M12S-03P-MM-SF8B50-00AH	SD-M12T-03P-MM-SF8B50-00AH	SD-M12S-04P-MM-SF8B50-00AH	SD-M12T-04P-MM-SF8B50-00AH
	Customized	·····	·····	·····	·····

M12 x 1 Male Panel Mount Receptacle,
Front Mounting,With 0.5m wires.





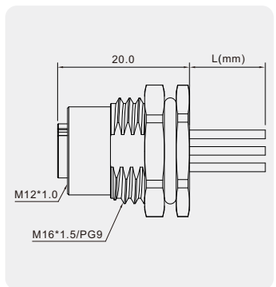
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	12A max.	Seal	Silicone
Rated voltage	630V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	For Panel Thinkness Max	4.5mm
Ambient temperature	- 25 ~ + 80℃	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin		04 Pin	
Coding	Coded	S-Coded	T-Coded	S-Coded	T-Coded
	Front View				
Rated current	A.	12A	12A	12A	12A
Rated voltage	V.	630V	63V	630V	63V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²	1.5mm²
	Wiring list	1.BK1 3.BK3 4.YE/GN	1.BN 3.BU 4.BK	1.BK1 2.BK2 3.BK3 4.YE/GN	1.BN 2.WH 3.BU 4.BK
Description		Order NO .	Order NO .	Order NO .	Order NO .
PG9	0.5m	SD-M12S-03P-MM-SH8A50-00AH	SD-M12T-03P-MM-SH8A50-00AH	SD-M12S-04P-MM-SH8A50-00AH	SD-M12T-04P-MM-SH8A50-00AH
	Customized	·····	·····	·····	·····
M16*1.5	0.5m	SD-M12S-03P-MM-SH8B50-00AH	SD-M12T-03P-MM-SH8B50-00AH	SD-M12S-04P-MM-SH8B50-00AH	SD-M12T-04P-MM-SH8B50-00AH
	Customized	·····	·····	·····	·····

M12 x 1 Female Panel Mount Receptacle,
Rear Mounting, With 0.5m wires.





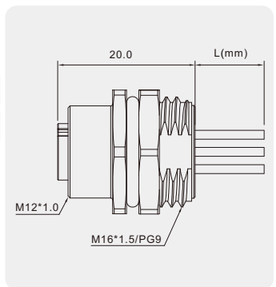
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	12A max.	Seal	Silicone
Rated voltage	630V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	For Panel Thinkness Max	4.5mm
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin		04 Pin	
Coding	Coded	S-Coded	T-Coded	S-Coded	T-Coded
	Front View				
Rated current	A.	12A	12A	12A	12A
Rated voltage	V.	630V	63V	630V	63V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²	1.5mm²
	Wiring list	1.BK1 3.BK3 4.YE/GN	1.BN 3.BU 4.BK	1.BK1 2.BK2 3.BK3 4.YE/GN	1.BN 2.WH 3.BU 4.BK
Description		Order NO .	Order NO .	Order NO .	Order NO .
PG9	0.5m	SD-M12S-03P-FF-SF8A50-00AH	SD-M12T-03P-FF-SF8A50-00AH	SD-M12S-04P-FF-SF8A50-00AH	SD-M12T-04P-FF-SF8A50-00AH
	Customized	·····	·····	·····	·····
M16*1.5	0.5m	SD-M12S-03P-FF-SF8B50-00AH	SD-M12T-03P-FF-SF8B50-00AH	SD-M12S-04P-FF-SF8B50-00AH	SD-M12T-04P-FF-SF8B50-00AH
	Customized	·····	·····	·····	·····

M12 x 1 Female Panel Mount Receptacle,
Front Mounting, With 0.5m wires.





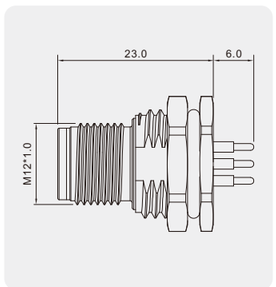
Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	12A max.	Seal	Silicone
Rated voltage	630V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	For Panel Thinkness Max	4.5mm
Ambient temperature	- 25 ~ +80℃	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin		04 Pin	
Coding	Coded	S-Coded	T-Coded	S-Coded	T-Coded
	Front View				
Rated current	A.	12A	12A	12A	12A
Rated voltage	V.	630V	63V	630V	63V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²	1.5mm²
	Wiring list	1.BK1 3.BK3 4.YE/GN	1.BN 3.BU 4.BK	1.BK1 2.BK2 3.BK3 4.YE/GN	1.BN 2.WH 3.BU 4.BK
Description		Order NO .	Order NO .	Order NO .	Order NO .
PG9	0.5m	SD-M12S-03P-FF-SH8A50-00AH	SD-M12T-03P-FF-SH8A50-00AH	SD-M12S-04P-FF-SH8A50-00AH	SD-M12T-04P-FF-SH8A50-00AH
	Customized	·····	·····	·····	·····
M16*1.5	0.5m	SD-M12S-03P-FF-SH8B50-00AH	SD-M12T-03P-FF-SH8B50-00AH	SD-M12S-04P-FF-SH8B50-00AH	SD-M12T-04P-FF-SH8B50-00AH
	Customized	·····	·····	·····	·····

M12 x 1 Male Panel Mount Receptacle,
Rear Mounting,Unshielded,PCB Soldering.



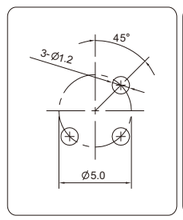


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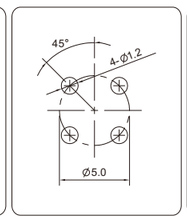
Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Mechanical life	> 100 mating cycles
Insulation resistance	≥100MΩ	For Panel Thinkness Max	4.5mm
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	60V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9		SP-M12A-03P-MM-SF8001-00AH	SP-M12A-04P-MM-SF8001-00AH	SP-M12A-05P-MM-SF8001-00AH	SP-M12A-06P-MM-SF8001-00AH	SP-M12A-08P-MM-SF8001-00AH
Customized		·····	·····	·····	·····	·····
M16*1.5		SP-M12A-03P-MM-SF8002-00AH	SP-M12A-04P-MM-SF8002-00AH	SP-M12A-05P-MM-SF8002-00AH	SP-M12A-06P-MM-SF8002-00AH	SP-M12A-08P-MM-SF8002-00AH
Customized		·····	·····	·····	·····	·····

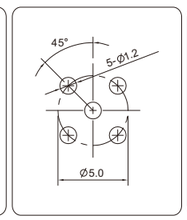
Dimension Figure



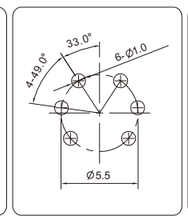
PCB Layout



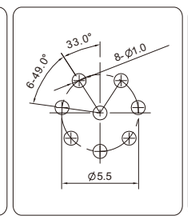
PCB Layout



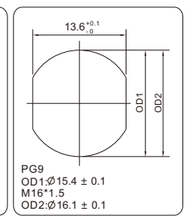
PCB Layout



PCB Layout



PCB Layout

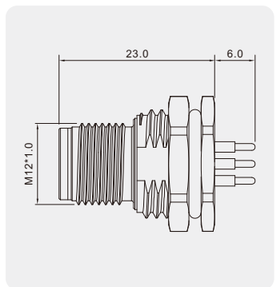


Panel Cut-Out

DEGSON
M12 Series

M12 x 1 Male Panel Mount Receptacle,
Rear Mounting,Unshielded,PCB Soldering.



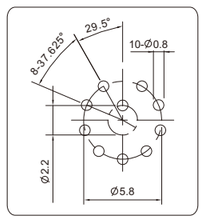


Technical Data

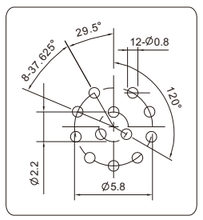
Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Mechanical life	> 100 mating cycles
Insulation resistance	≥100MΩ	For Panel Thinkness Max	4.5mm
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP68	—	—

Number of Pins		10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View					
Rated current	A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.	30V	30V	30V	60V	250V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9		SP-M12A-10P-MM-SF8001-00AH	SP-M12A-12P-MM-SF8001-00AH	SP-M12A-17P-MM-SF8001-00AH	SP-M12B-05P-MM-SF8001-00AH	SP-M12D-04P-MM-SF8001-00AH
Customized		·····	·····	·····	·····	·····
M16*1.5		SP-M12A-10P-MM-SF8002-00AH	SP-M12A-12P-MM-SF8002-00AH	SP-M12A-17P-MM-SF8002-00AH	SP-M12B-05P-MM-SF8002-00AH	SP-M12D-04P-MM-SF8002-00AH
Customized		·····	·····	·····	·····	·····

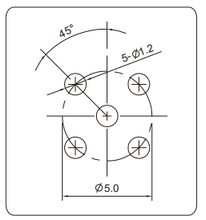
Dimension Figure



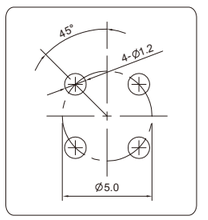
PCB Layout



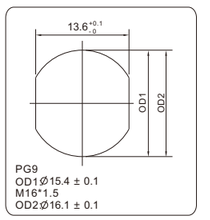
PCB Layout



PCB Layout



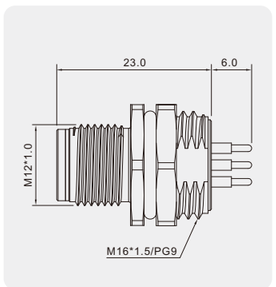
PCB Layout



Panel Cut-Out

M12 x 1 Male Panel Mount Receptacle,
Front Mounting,Unshielded,PCB Soldering.



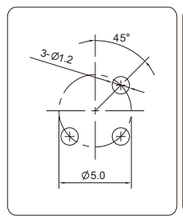


Technical Data

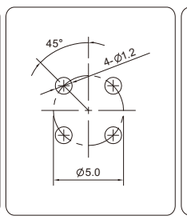
Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Mechanical life	> 100 mating cycles
Insulation resistance	≥100MΩ	For Panel Thinkness Max	4.5mm
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	60V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9		SP-M12A-03P-MM-SH8001-00AH	SP-M12A-04P-MM-SH8001-00AH	SP-M12A-05P-MM-SH8001-00AH	SP-M12A-06P-MM-SH8001-00AH	SP-M12A-08P-MM-SH8001-00AH
Customized		·····	·····	·····	·····	·····
M16*1.5		SP-M12A-03P-MM-SH8002-00AH	SP-M12A-04P-MM-SH8002-00AH	SP-M12A-05P-MM-SH8002-00AH	SP-M12A-06P-MM-SH8002-00AH	SP-M12A-08P-MM-SH8002-00AH
Customized		·····	·····	·····	·····	·····

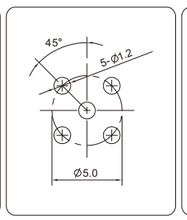
Dimension Figure



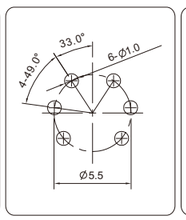
PCB Layout



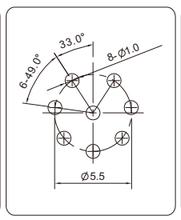
PCB Layout



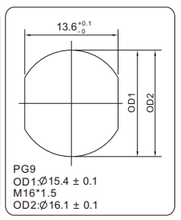
PCB Layout



PCB Layout



PCB Layout

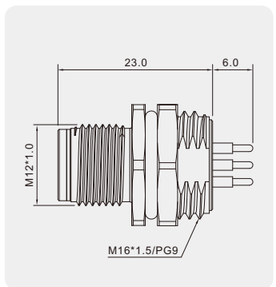


Panel Cut-Out

DEGSON
M12 Series

M12 x 1 Male Panel Mount Receptacle,
Front Mounting,Unshielded,PCB Soldering.



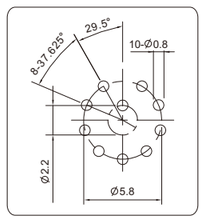


Technical Data

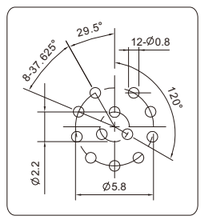
Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Mechanical life	> 100 mating cycles
Insulation resistance	≥100MΩ	For Panel Thinkness Max	4.5mm
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP68	—	—

Number of Pins		10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View					
Rated current	A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.	30V	30V	30V	60V	250V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9		SP-M12A-10P-MM-SH8001-00AH	SP-M12A-12P-MM-SH8001-00AH	SP-M12A-17P-MM-SH8001-00AH	SP-M12B-05P-MM-SH8001-00AH	SP-M12D-04P-MM-SH8001-00AH
Customized		·····	·····	·····	·····	·····
M16*1.5		SP-M12A-10P-MM-SH8002-00AH	SP-M12A-12P-MM-SH8002-00AH	SP-M12A-17P-MM-SH8002-00AH	SP-M12B-05P-MM-SH8002-00AH	SP-M12D-04P-MM-SH8002-00AH
Customized		·····	·····	·····	·····	·····

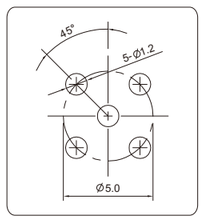
Dimension Figure



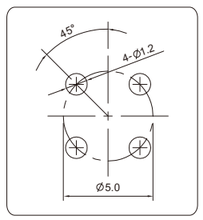
PCB Layout



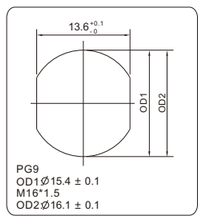
PCB Layout



PCB Layout



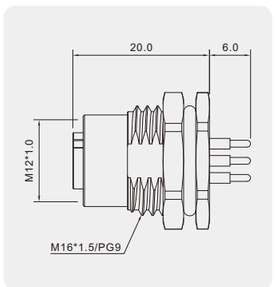
PCB Layout



Panel Cut-Out

M12 x 1 Female Panel Mount Receptacle,
Rear Mounting,Unshielded,PCB Soldering.



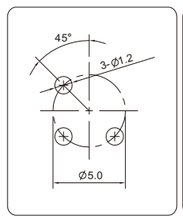


Technical Data

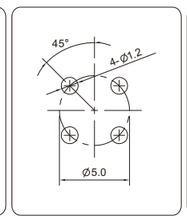
Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Mechanical life	> 100 mating cycles
Insulation resistance	≥100MΩ	For Panel Thinkness Max	4.5mm
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	60V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9		SP-M12A-03P-FF-SF8001-00AH	SP-M12A-04P-FF-SF8001-00AH	SP-M12A-05P-FF-SF8001-00AH	SP-M12A-06P-FF-SF8001-00AH	SP-M12A-08P-FF-SF8001-00AH
Customized		.....	.....	.....	.....	.....
M16*1.5		SP-M12A-03P-FF-SF8002-00AH	SP-M12A-04P-FF-SF8002-00AH	SP-M12A-05P-FF-SF8002-00AH	SP-M12A-06P-FF-SF8002-00AH	SP-M12A-08P-FF-SF8002-00AH
Customized		.....	.....	.....	.....	.....

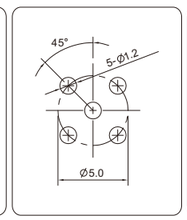
Dimension Figure



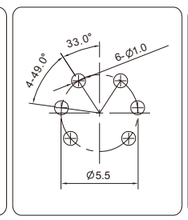
PCB Layout



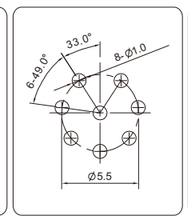
PCB Layout



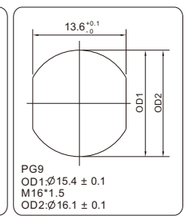
PCB Layout



PCB Layout



PCB Layout

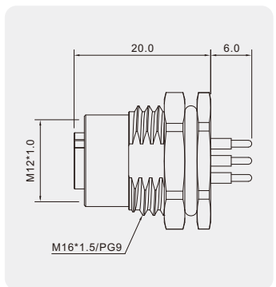


Panel Cut-Out

DEGSON
M12 Series

M12 x 1 Female Panel Mount Receptacle,
Rear Mounting,Unshielded,PCB Soldering.



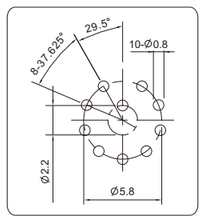


Technical Data

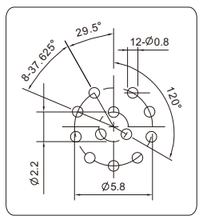
Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Mechanical life	> 100 mating cycles
Insulation resistance	≥100MΩ	For Panel Thinkness Max	4.5mm
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP68	—	—

Number of Pins		10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View					
Rated current	A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.	30V	30V	30V	60V	250V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9		SP-M12A-10P-FF-SF8001-00AH	SP-M12A-12P-FF-SF8001-00AH	SP-M12A-17P-FF-SF8001-00AH	SP-M12B-05P-FF-SF8001-00AH	SP-M12D-04P-FF-SF8001-00AH
Customized		.....	.....	.....	.....	.....
M16*1.5		SP-M12A-10P-FF-SF8002-00AH	SP-M12A-12P-FF-SF8002-00AH	SP-M12A-17P-FF-SF8002-00AH	SP-M12B-05P-FF-SF8002-00AH	SP-M12D-04P-FF-SF8002-00AH
Customized		.....	.....	.....	.....	.....

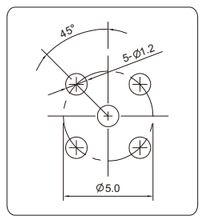
Dimension Figure



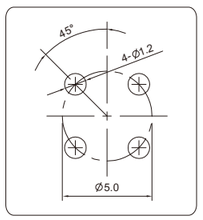
PCB Layout



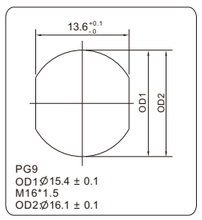
PCB Layout



PCB Layout



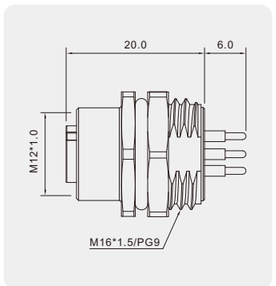
PCB Layout



Panel Cut-Out

M12 x 1 Female Panel Mount Receptacle,
Front Mounting,Unshielded,PCB Soldering.



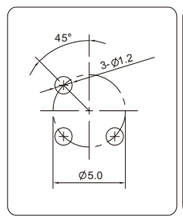


Technical Data

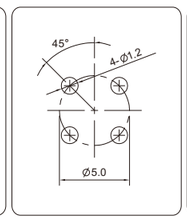
Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Mechanical life	> 100 mating cycles
Insulation resistance	≥100MΩ	For Panel Thinkness Max	4.5mm
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	60V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9		SP-M12A-03P-FF-SH8001-00AH	SP-M12A-04P-FF-SH8001-00AH	SP-M12A-05P-FF-SH8001-00AH	SP-M12A-06P-FF-SH8001-00AH	SP-M12A-08P-FF-SH8001-00AH
Customized		.....	.....	.....	.....	.....
M16*1.5		SP-M12A-03P-FF-SH8002-00AH	SP-M12A-04P-FF-SH8002-00AH	SP-M12A-05P-FF-SH8002-00AH	SP-M12A-06P-FF-SH8002-00AH	SP-M12A-08P-FF-SH8002-00AH
Customized		.....	.....	.....	.....	.....

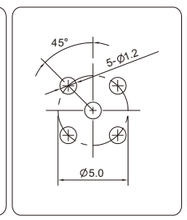
Dimension Figure



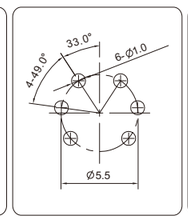
PCB Layout



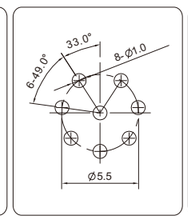
PCB Layout



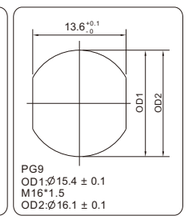
PCB Layout



PCB Layout



PCB Layout

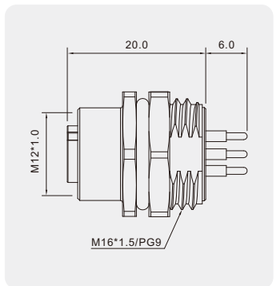


Panel Cut-Out

DEGSON
M12 Series

M12 x 1 Female Panel Mount Receptacle,
Front Mounting,Unshielded,PCB Soldering.



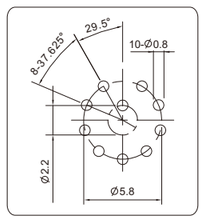


Technical Data

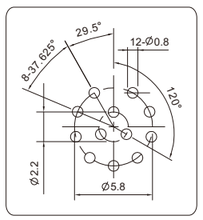
Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Mechanical life	> 100 mating cycles
Insulation resistance	≥100MΩ	For Panel Thinkness Max	4.5mm
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP68	—	—

Number of Pins		10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View					
Rated current	A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.	30V	30V	30V	60V	250V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9		SP-M12A-10P-FF-SH8001-00AH	SP-M12A-12P-FF-SH8001-00AH	SP-M12A-17P-FF-SH8001-00AH	SP-M12B-05P-FF-SH8001-00AH	SP-M12D-04P-FF-SH8001-00AH
Customized		.....	.....	.....	.....	.....
M16*1.5		SP-M12A-10P-FF-SH8002-00AH	SP-M12A-12P-FF-SH8002-00AH	SP-M12A-17P-FF-SH8002-00AH	SP-M12B-05P-FF-SH8002-00AH	SP-M12D-04P-FF-SH8002-00AH
Customized		.....	.....	.....	.....	.....

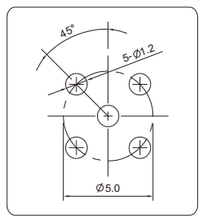
Dimension Figure



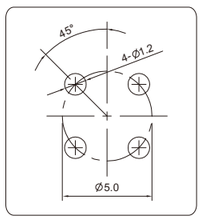
PCB Layout



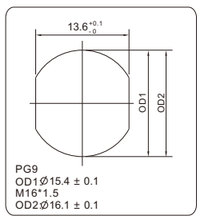
PCB Layout



PCB Layout



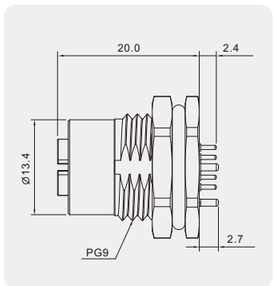
PCB Layout



Panel Cut-Out

M12 x 1 Female Panel Mount Receptacle,
Rear Mounting,Shielded,PCB Soldering.



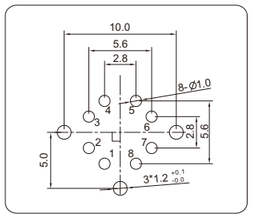


Technical Data

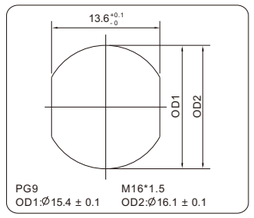
Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	08 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	0.5A max.	Seal	Silicone
Rated voltage	50V AC / 60V DC	Mechanical life	> 100 mating cycles
Insulation resistance	≥100MΩ	For Panel Thinkness Max	4.5mm
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 20 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		08 Pin
Coding	Coded	X-Coded
	Front View	
Rated current	A.	0.5A
Rated voltage	V.	50V AC / 60V DC
Description		Order NO .
PG9		SPSH-M12X-08P-FF-SF7001-00AH
Customized		·····
M16*1.5		SPSH-M12X-08P-FF-SF7002-00AH
Customized		·····

Dimension Figure



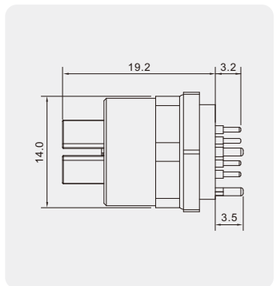
PCB Layout



Panel Cut-Out

M12 x 1 Female Panel Mount Receptacle,
Rear Mounting,Shielded,PCB Soldering.



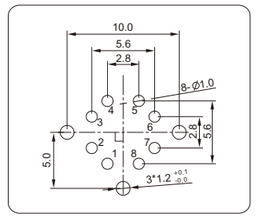


Technical Data

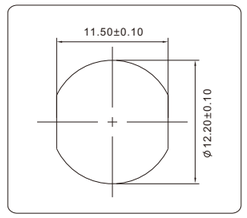
Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	08 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	0.5A max.	Seal	Silicone
Rated voltage	50V AC / 60V DC	Mechanical life	> 100 mating cycles
Insulation resistance	≥100MΩ	For Panel Thinkness Max	4.5mm
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 20 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		08 Pin
Coding	Coded	X-Coded
	Front View	
Rated current	A.	0.5A
Rated voltage	V.	50V AC / 60V DC
Description		Order NO .
M12*1.0		SPSH-M12X-08P-FF-SF7003-00AH
Customized		·····

Dimension Figure



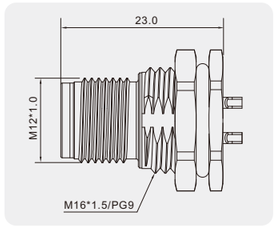
PCB Layout



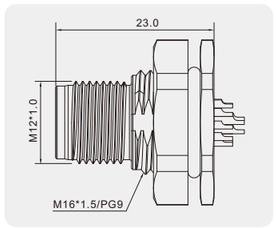
Panel Cut-Out

M12 x 1 Male Panel Mount Receptacle, Rear Mounting,Unshielded,Soldering without wire.









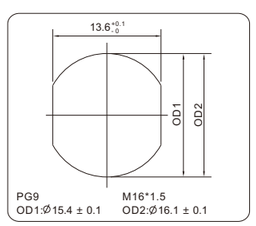
Technical Data

Standard	IEC 61076
Series	M12, Male
Number of Pins	03,04,05,06,08,10,12,17 Pin
Rated Current	4A max.
Rated voltage	250V max.
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Ambient temperature	- 40 ~ +105℃ (Metal shell) / -25~+80℃ (Plastic shell)
IP Class	IP68

Contact carriers material	PA
Contact material	Copper Alloy, Gold-plated
Metal shell	Zinc Alloy with Nickel Plated
Plastic shell	PA
Seal	Silicone
Mechanical life	> 100 mating cycles
For Panel Thinkness Max	4.5mm (Metal shell)
	3.0mm (Plastic shell)
—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	60V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9	Metal shell	SD-M12A-03P-MM-SF8001-00AH	SD-M12A-04P-MM-SF8001-00AH	SD-M12A-05P-MM-SF8001-00AH	SD-M12A-06P-MM-SF8001-00AH	SD-M12A-08P-MM-SF8001-00AH
	Plastic shell	SD-M12A-03P-MM-SF8007-00AH	SD-M12A-04P-MM-SF8007-00AH	SD-M12A-05P-MM-SF8007-00AH	SD-M12A-06P-MM-SF8007-00AH	SD-M12A-08P-MM-SF8007-00AH
	Customized	·····	·····	·····	·····	·····
M16*1.5	Metal shell	SD-M12A-03P-MM-SF8002-00AH	SD-M12A-04P-MM-SF8002-00AH	SD-M12A-05P-MM-SF8002-00AH	SD-M12A-06P-MM-SF8002-00AH	SD-M12A-08P-MM-SF8002-00AH
	Plastic shell	SD-M12A-03P-MM-SF8008-00AH	SD-M12A-04P-MM-SF8008-00AH	SD-M12A-05P-MM-SF8008-00AH	SD-M12A-06P-MM-SF8008-00AH	SD-M12A-08P-MM-SF8008-00AH
	Customized	·····	·····	·····	·····	·····

Dimension Figure

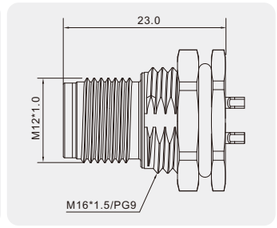


Panel Cut-Out

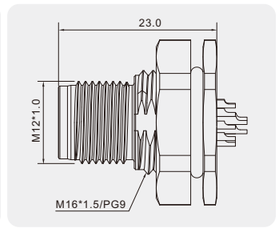
DEGSON
M12 Series

M12 x 1 Male Panel Mount Receptacle, Rear Mounting,Unshielded,Soldering without wire.





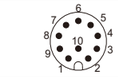
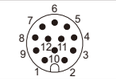
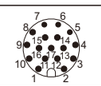




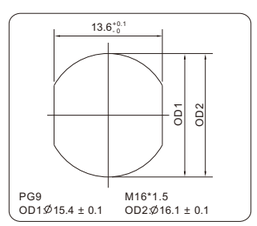
Technical Data

Standard	IEC 61076
Series	M12, Male
Number of Pins	03,04,05,06,08,10,12,17 Pin
Rated Current	4A max.
Rated voltage	250V max.
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Ambient temperature	- 40 ~ +105℃ (Metal shell) / -25~+80℃ (Plastic shell)
IP Class	IP68

Contact carriers material	PA
Contact material	Copper Alloy, Gold-plated
Metal shell	Zinc Alloy with Nickel Plated
Plastic shell	PA
Seal	Silicone
Mechanical life	> 100 mating cycles
For Panel Thinkness Max	4.5mm (Metal shell)
	3.0mm (Plastic shell)
—	—

Number of Pins		10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View					
Rated current	A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.	30V	30V	30V	60V	250V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9	Metal shell	SD-M12A-10P-MM-SF8001-00AH	SD-M12A-12P-MM-SF8001-00AH	SD-M12A-17P-MM-SF8001-00AH	SD-M12B-05P-MM-SF8001-00AH	SD-M12D-04P-MM-SF8001-00AH
	Plastic shell	SD-M12A-10P-MM-SF8007-00AH	SD-M12A-12P-MM-SF8007-00AH	SD-M12A-17P-MM-SF8007-00AH	SD-M12B-05P-MM-SF8007-00AH	SD-M12D-04P-MM-SF8007-00AH
	Customized	·····	·····	·····	·····	·····
M16*1.5	Metal shell	SD-M12A-10P-MM-SF8002-00AH	SD-M12A-12P-MM-SF8002-00AH	SD-M12A-17P-MM-SF8002-00AH	SD-M12B-05P-MM-SF8002-00AH	SD-M12D-04P-MM-SF8002-00AH
	Plastic shell	SD-M12A-10P-MM-SF8008-00AH	SD-M12A-12P-MM-SF8008-00AH	SD-M12A-17P-MM-SF8008-00AH	SD-M12B-05P-MM-SF8008-00AH	SD-M12D-04P-MM-SF8008-00AH
	Customized	·····	·····	·····	·····	·····

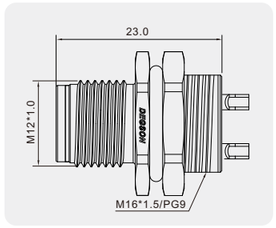
Dimension Figure



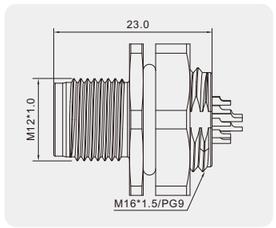
Panel Cut-Out

M12 x 1 Male Panel Mount Receptacle, Front Mounting,Unshielded,Soldering without wire.



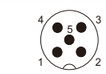




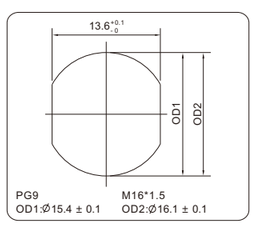


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal shell	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic shell	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	For Panel Thinkness Max	4.5mm (Metal shell)
Ambient temperature	- 40 ~ +105℃ (Metal shell) / -25~+80℃ (Plastic shell)		3.0mm (Plastic shell)
IP Class	IP68	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	60V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9	Metal shell	SD-M12A-03P-MM-SH8001-00AH	SD-M12A-04P-MM-SH8001-00AH	SD-M12A-05P-MM-SH8001-00AH	SD-M12A-06P-MM-SH8001-00AH	SD-M12A-08P-MM-SH8001-00AH
	Plastic shell	SD-M12A-03P-MM-SH8007-00AH	SD-M12A-04P-MM-SH8007-00AH	SD-M12A-05P-MM-SH8007-00AH	SD-M12A-06P-MM-SH8007-00AH	SD-M12A-08P-MM-SH8007-00AH
	Customized	·····	·····	·····	·····	·····
M16*1.5	Metal shell	SD-M12A-03P-MM-SH8002-00AH	SD-M12A-04P-MM-SH8002-00AH	SD-M12A-05P-MM-SH8002-00AH	SD-M12A-06P-MM-SH8002-00AH	SD-M12A-08P-MM-SH8002-00AH
	Plastic shell	SD-M12A-03P-MM-SH8008-00AH	SD-M12A-04P-MM-SH8008-00AH	SD-M12A-05P-MM-SH8008-00AH	SD-M12A-06P-MM-SH8008-00AH	SD-M12A-08P-MM-SH8008-00AH
	Customized	·····	·····	·····	·····	·····

Dimension Figure

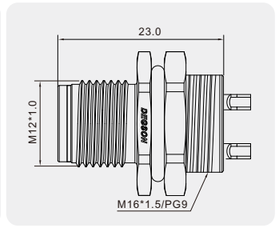


Panel Cut-Out

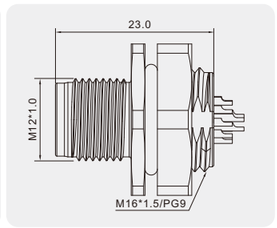
DEGSON
M12 Series

M12 x 1 Male Panel Mount Receptacle, Front Mounting,Unshielded,Soldering without wire.







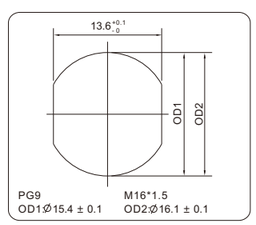


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal shell	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic shell	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	For Panel Thinkness Max	4.5mm (Metal shell)
Ambient temperature	- 40 ~ +105℃ (Metal shell) / -25~+80℃ (Plastic shell)		3.0mm (Plastic shell)
IP Class	IP68	—	—

Number of Pins		10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View					
Rated current	A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.	30V	30V	30V	60V	250V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9	Metal shell	SD-M12A-10P-MM-SH8001-00AH	SD-M12A-12P-MM-SH8001-00AH	SD-M12A-17P-MM-SH8001-00AH	SD-M12B-05P-MM-SH8001-00AH	SD-M12D-04P-MM-SH8001-00AH
	Plastic shell	SD-M12A-10P-MM-SH8007-00AH	SD-M12A-12P-MM-SH8007-00AH	SD-M12A-17P-MM-SH8007-00AH	SD-M12B-05P-MM-SH8007-00AH	SD-M12D-04P-MM-SH8007-00AH
	Customized	·····	·····	·····	·····	·····
M16*1.5	Metal shell	SD-M12A-10P-MM-SH8002-00AH	SD-M12A-12P-MM-SH8002-00AH	SD-M12A-17P-MM-SH8002-00AH	SD-M12B-05P-MM-SH8002-00AH	SD-M12D-04P-MM-SH8002-00AH
	Plastic shell	SD-M12A-10P-MM-SH8008-00AH	SD-M12A-12P-MM-SH8008-00AH	SD-M12A-17P-MM-SH8008-00AH	SD-M12B-05P-MM-SH8008-00AH	SD-M12D-04P-MM-SH8008-00AH
	Customized	·····	·····	·····	·····	·····

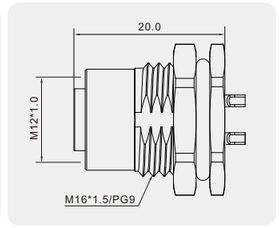
Dimension Figure



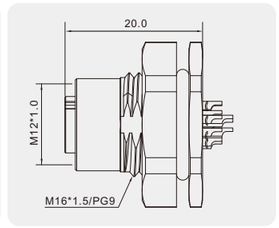
Panel Cut-Out

M12 x 1 Female Panel Mount Receptacle, Rear Mounting,Unshielded,Soldering without wire.







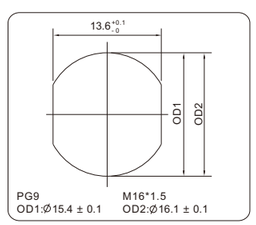


Technical Data

Standard	IEC 61076		Contact carriers material	PA
Series	M12, Female		Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin		Metal shell	Zinc Alloy with Nickel Plated
Rated Current	4A max.		Plastic shell	PA
Rated voltage	250V max.		Seal	Silicone
Insulation resistance	≥100MΩ		Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ		For Panel Thinkness Max	4.5mm (Metal shell)
Ambient temperature	- 40 ~ +105℃ (Metal shell) / -25~+80℃ (Plastic shell)			3.0mm (Plastic shell)
IP Class	IP68		—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	60V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9	Metal shell	SD-M12A-03P-FF-SF8001-00AH	SD-M12A-04P-FF-SF8001-00AH	SD-M12A-05P-FF-SF8001-00AH	SD-M12A-06P-FF-SF8001-00AH	SD-M12A-08P-FF-SF8001-00AH
	Plastic shell	SD-M12A-03P-FF-SF8007-00AH	SD-M12A-04P-FF-SF8007-00AH	SD-M12A-05P-FF-SF8007-00AH	SD-M12A-06P-FF-SF8007-00AH	SD-M12A-08P-FF-SF8007-00AH
	Customized	·····	·····	·····	·····	·····
M16*1.5	Metal shell	SD-M12A-03P-FF-SF8002-00AH	SD-M12A-04P-FF-SF8002-00AH	SD-M12A-05P-FF-SF8002-00AH	SD-M12A-06P-FF-SF8002-00AH	SD-M12A-08P-FF-SF8002-00AH
	Plastic shell	SD-M12A-03P-FF-SF8008-00AH	SD-M12A-04P-FF-SF8008-00AH	SD-M12A-05P-FF-SF8008-00AH	SD-M12A-06P-FF-SF8008-00AH	SD-M12A-08P-FF-SF8008-00AH
	Customized	·····	·····	·····	·····	·····

Dimension Figure

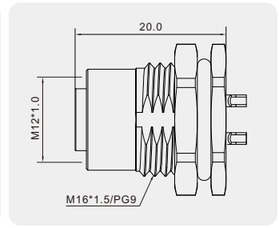


Panel Cut-Out

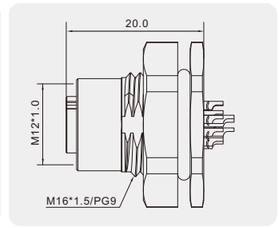
DEGSON
M12 Series

M12 x 1 Female Panel Mount Receptacle, Rear Mounting,Unshielded,Soldering without wire.







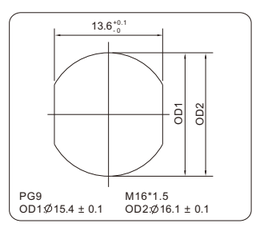


Technical Data

Standard	IEC 61076		Contact carriers material	PA
Series	M12, Female		Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin		Metal shell	Zinc Alloy with Nickel Plated
Rated Current	4A max.		Plastic shell	PA
Rated voltage	250V max.		Seal	Silicone
Insulation resistance	≥100MΩ		Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ		For Panel Thinkness Max	4.5mm (Metal shell)
Ambient temperature	- 40 ~ +105℃ (Metal shell) / -25~+80℃ (Plastic shell)			3.0mm (Plastic shell)
IP Class	IP68		—	—

Number of Pins		10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View					
Rated current	A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.	30V	30V	30V	60V	250V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9	Metal shell	SD-M12A-10P-FF-SF8001-00AH	SD-M12A-12P-FF-SF8001-00AH	SD-M12A-17P-FF-SF8001-00AH	SD-M12B-05P-FF-SF8001-00AH	SD-M12D-04P-FF-SF8001-00AH
	Plastic shell	SD-M12A-10P-FF-SF8007-00AH	SD-M12A-12P-FF-SF8007-00AH	SD-M12A-17P-FF-SF8007-00AH	SD-M12B-05P-FF-SF8007-00AH	SD-M12D-04P-FF-SF8007-00AH
	Customized	·····	·····	·····	·····	·····
M16*1.5	Metal shell	SD-M12A-10P-FF-SF8002-00AH	SD-M12A-12P-FF-SF8002-00AH	SD-M12A-17P-FF-SF8002-00AH	SD-M12B-05P-FF-SF8002-00AH	SD-M12D-04P-FF-SF8002-00AH
	Plastic shell	SD-M12A-10P-FF-SF8008-00AH	SD-M12A-12P-FF-SF8008-00AH	SD-M12A-17P-FF-SF8008-00AH	SD-M12B-05P-FF-SF8008-00AH	SD-M12D-04P-FF-SF8008-00AH
	Customized	·····	·····	·····	·····	·····

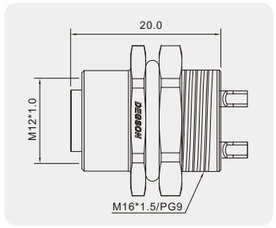
Dimension Figure



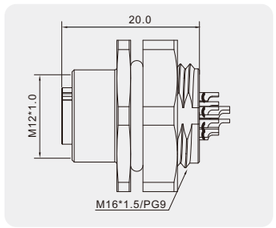
Panel Cut-Out

M12 x 1 Female Panel Mount Receptacle, Front Mounting,Unshielded,Soldering without wire.







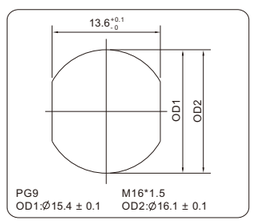


Technical Data

Standard	IEC 61076		Contact carriers material	PA
Series	M12, Female		Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin		Metal shell	Zinc Alloy with Nickel Plated
Rated Current	4A max.		Plastic shell	PA
Rated voltage	250V max.		Seal	Silicone
Insulation resistance	≥100MΩ		Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ		For Panel Thinkness Max	4.5mm (Metal shell)
Ambient temperature	- 40 ~ +105℃ (Metal shell) / -25~+80℃ (Plastic shell)			3.0mm (Plastic shell)
IP Class	IP68		—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	60V	30V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9	Metal shell	SD-M12A-03P-FF-SH8001-00AH	SD-M12A-04P-FF-SH8001-00AH	SD-M12A-05P-FF-SH8001-00AH	SD-M12A-06P-FF-SH8001-00AH	SD-M12A-08P-FF-SH8001-00AH
	Plastic shell	SD-M12A-03P-FF-SH8007-00AH	SD-M12A-04P-FF-SH8007-00AH	SD-M12A-05P-FF-SH8007-00AH	SD-M12A-06P-FF-SH8007-00AH	SD-M12A-08P-FF-SH8007-00AH
	Customized	.....	.....	.....	.....	.....
M16*1.5	Metal shell	SD-M12A-03P-FF-SH8002-00AH	SD-M12A-04P-FF-SH8002-00AH	SD-M12A-05P-FF-SH8002-00AH	SD-M12A-06P-FF-SH8002-00AH	SD-M12A-08P-FF-SH8002-00AH
	Plastic shell	SD-M12A-03P-FF-SH8002-00AH	SD-M12A-04P-FF-SH8008-00AH	SD-M12A-05P-FF-SH8008-00AH	SD-M12A-06P-FF-SH8008-00AH	SD-M12A-08P-FF-SH8008-00AH
	Customized	.....	.....	.....	.....	.....

Dimension Figure

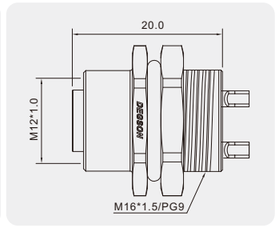


Panel Cut-Out

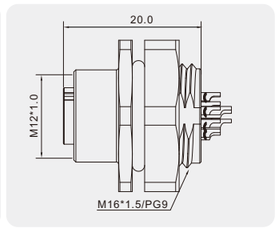
DEGSON
M12 Series

M12 x 1 Female Panel Mount Receptacle, Front Mounting,Unshielded,Soldering without wire.







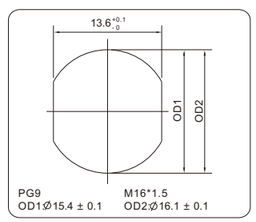


Technical Data

Standard	IEC 61076		Contact carriers material	PA
Series	M12, Female		Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin		Metal shell	Zinc Alloy with Nickel Plated
Rated Current	4A max.		Plastic shell	PA
Rated voltage	250V max.		Seal	Silicone
Insulation resistance	≥100MΩ		Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ		For Panel Thinkness Max	4.5mm (Metal shell)
Ambient temperature	- 40 ~ +105℃ (Metal shell) / -25~+80℃ (Plastic shell)			3.0mm (Plastic shell)
IP Class	IP68		—	—

Number of Pins		10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View					
Rated current	A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.	30V	30V	30V	60V	250V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
PG9	Metal shell	SD-M12A-10P-FF-SH8001-00AH	SD-M12A-12P-FF-SH8001-00AH	SD-M12A-17P-FF-SH8001-00AH	SD-M12B-05P-FF-SH8001-00AH	SD-M12D-04P-FF-SH8001-00AH
	Plastic shell	SD-M12A-10P-FF-SH8007-00AH	SD-M12A-12P-FF-SH8007-00AH	SD-M12A-17P-FF-SH8007-00AH	SD-M12B-05P-FF-SH8007-00AH	SD-M12D-04P-FF-SH8007-00AH
	Customized	.....	.....	.....	.....	.....
M16*1.5	Metal shell	SD-M12A-10P-FF-SH8002-00AH	SD-M12A-12P-FF-SH8002-00AH	SD-M12A-17P-FF-SH8002-00AH	SD-M12B-05P-FF-SH8002-00AH	SD-M12D-04P-FF-SH8002-00AH
	Plastic shell	SD-M12A-10P-FF-SH8008-00AH	SD-M12A-12P-FF-SH8008-00AH	SD-M12A-17P-FF-SH8008-00AH	SD-M12B-05P-FF-SH8008-00AH	SD-M12D-04P-FF-SH8008-00AH
	Customized	.....	.....	.....	.....	.....

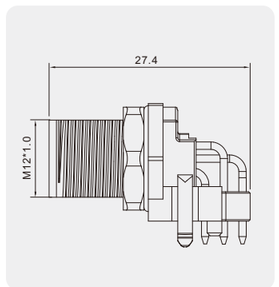
Dimension Figure



Panel Cut-Out

M12 x 1 Male Panel Mount Receptacle,
Rear Mounting,Unshielded,PCB Soldering.



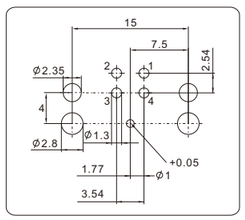


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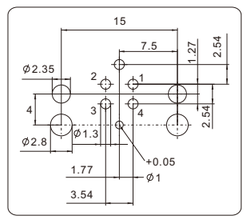
Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Mechanical life	> 100 mating cycles
Insulation resistance	≥100MΩ	For Panel Thinkness Max	4.5mm
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		04 Pin		05 Pin		08 Pin
Coding	Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	4A	2A
Rated voltage	V.	250V	250V	60V	60V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
M12*1.0		SR-M12A-04P-MM-SF7003-00AH	SR-M12D-04P-MM-SF7003-00AH	SR-M12A-05P-MM-SF7003-00AH	SR-M12B-05P-MM-SF7003-00AH	SR-M12A-08P-MM-SF7003-00AH
Customized		·····	·····	·····	·····	·····

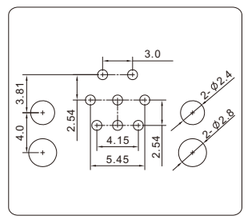
Dimension Figure



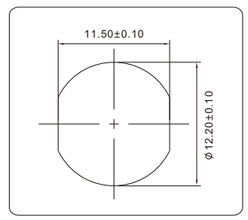
PCB Layout



PCB Layout



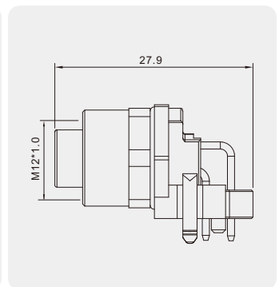
PCB Layout



Panel Cut-Out

M12 x 1 Female Panel Mount Receptacle,
Rear Mounting,Unshielded,PCB Soldering.



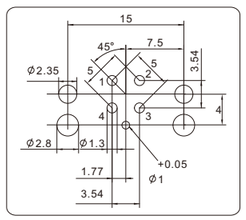


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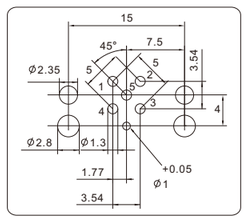
Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Mechanical life	> 100 mating cycles
Insulation resistance	≥100MΩ	For Panel Thinkness Max	4.5mm
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		04 Pin		05 Pin		08 Pin
Coding	Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	4A	2A
Rated voltage	V.	250V	250V	60V	60V	30V
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
M12*1.0		SR-M12A-04P-FF-SF7003-00AH	SR-M12D-04P-FF-SF7003-00AH	SR-M12A-05P-FF-SF7003-00AH	SR-M12B-05P-FF-SF7003-00AH	SR-M12A-08P-FF-SF7003-00AH
Customized		·····	·····	·····	·····	·····

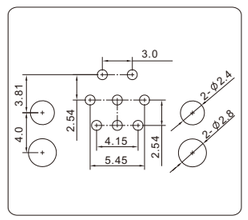
Dimension Figure



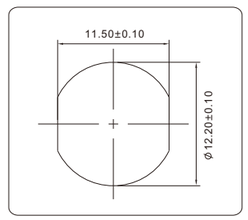
PCB Layout



PCB Layout



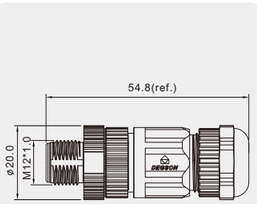
PCB Layout



Panel Cut-Out

M12 x 1 Male Field Assembly Plug, Unshielded,Screw Connection,Straight.



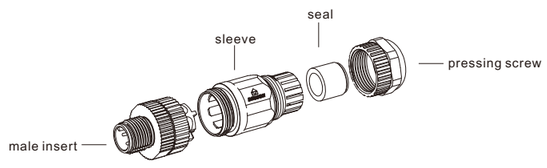


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic of nut	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

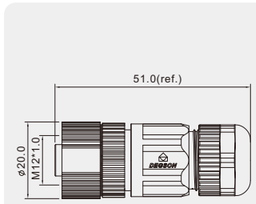
Number of Pins		03 Pin	04 Pin		05 Pin		06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View							
Rated current	A.	4A	4A	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	250V	60V	60V	30V	30V
Wire/Cable	Wire gauge	22AWG	22AWG	22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section	0.34mm²	0.34mm²	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Metal of nut		PB-M12A-03P-MM-SL7001-00AH	PB-M12A-04P-MM-SL7001-00AH	PB-M12D-04P-MM-SL7001-00AH	PB-M12A-05P-MM-SL7001-00AH	PB-M12B-05P-MM-SL7001-00AH	PB-M12A-06P-MM-SL7001-00AH	PB-M12A-08P-MM-SL7001-00AH
Plastic of nut		PW-M12A-03P-MM-SL7001-00AH	PW-M12A-04P-MM-SL7001-00AH	PW-M12D-04P-MM-SL7001-00AH	PW-M12A-05P-MM-SL7001-00AH	PW-M12B-05P-MM-SL7001-00AH	PW-M12A-06P-MM-SL7001-00AH	PW-M12A-08P-MM-SL7001-00AH

Component part drawing



M12 x 1 Female Field Assembly Plug, Unshielded,Screw Connection,Straight.



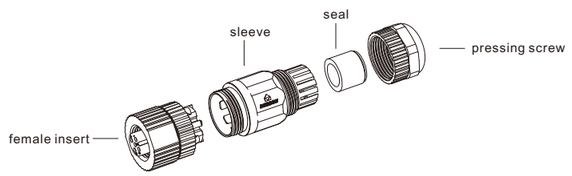


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic of nut	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

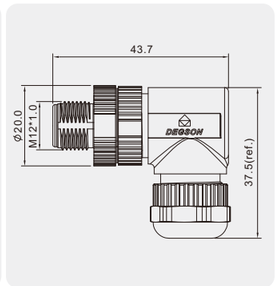
Number of Pins		03 Pin	04 Pin		05 Pin		06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View							
Rated current	A.	4A	4A	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	250V	60V	60V	30V	30V
Wire/Cable	Wire gauge	22AWG	22AWG	22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section	0.34mm²	0.34mm²	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Metal of nut		PB-M12A-03P-FF-SL7001-00AH	PB-M12A-04P-FF-SL7001-00AH	PB-M12D-04P-FF-SL7001-00AH	PB-M12A-05P-FF-SL7001-00AH	PB-M12B-05P-FF-SL7001-00AH	PB-M12A-06P-FF-SL7001-00AH	PB-M12A-08P-FF-SL7001-00AH
Plastic of nut		PW-M12A-03P-FF-SL7001-00AH	PW-M12A-04P-FF-SL7001-00AH	PW-M12D-04P-FF-SL7001-00AH	PW-M12A-05P-FF-SL7001-00AH	PW-M12B-05P-FF-SL7001-00AH	PW-M12A-06P-FF-SL7001-00AH	PW-M12A-08P-FF-SL7001-00AH

Component part drawing



M12 x 1 Male Field Assembly Plug, Unshielded,Screw Connection,Angled.



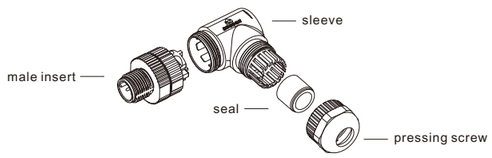


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic of nut	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

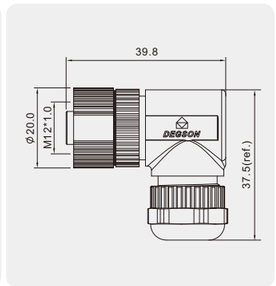
Number of Pins		03 Pin	04 Pin		05 Pin		06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View							
Rated current	A.	4A	4A	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	250V	60V	60V	30V	30V
Wire/Cable	Wire gauge	22AWG	22AWG	22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section	0.34mm²	0.34mm²	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Metal of nut		PB-M12A-03P-MM-SR7001-00AH	PB-M12A-04P-MM-SR7001-00AH	PB-M12D-04P-MM-SR7001-00AH	PB-M12A-05P-MM-SR7001-00AH	PB-M12B-05P-MM-SR7001-00AH	PB-M12A-06P-MM-SR7001-00AH	PB-M12A-08P-MM-SR7001-00AH
Plastic of nut		PW-M12A-03P-MM-SR7001-00AH	PW-M12A-04P-MM-SR7001-00AH	PW-M12D-04P-MM-SR7001-00AH	PW-M12A-05P-MM-SR7001-00AH	PW-M12B-05P-MM-SR7001-00AH	PW-M12A-06P-MM-SR7001-00AH	PW-M12A-08P-MM-SR7001-00AH

Component part drawing



M12 x 1 Female Field Assembly Plug, Unshielded,Screw Connection,Angled.



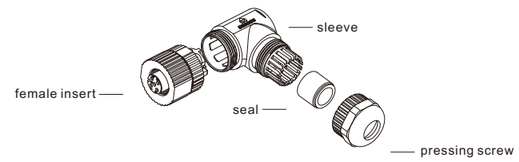


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic of nut	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

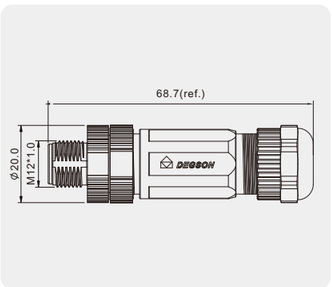
Number of Pins		03 Pin	04 Pin		05 Pin		06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View							
Rated current	A.	4A	4A	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	250V	60V	60V	30V	30V
Wire/Cable	Wire gauge	22AWG	22AWG	22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section	0.34mm²	0.34mm²	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Metal of nut		PB-M12A-03P-FF-SR7001-00AH	PB-M12A-04P-FF-SR7001-00AH	PB-M12D-04P-FF-SR7001-00AH	PB-M12A-05P-FF-SR7001-00AH	PB-M12B-05P-FF-SR7001-00AH	PB-M12A-06P-FF-SR7001-00AH	PB-M12A-08P-FF-SR7001-00AH
Plastic of nut		PW-M12A-03P-FF-SR7001-00AH	PW-M12A-04P-FF-SR7001-00AH	PW-M12D-04P-FF-SR7001-00AH	PW-M12A-05P-FF-SR7001-00AH	PW-M12B-05P-FF-SR7001-00AH	PW-M12A-06P-FF-SR7001-00AH	PW-M12A-08P-FF-SR7001-00AH

Component part drawing



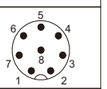
M12 x 1 Male Field Assembly Plug,Shielded,Screw Connection, Straight.



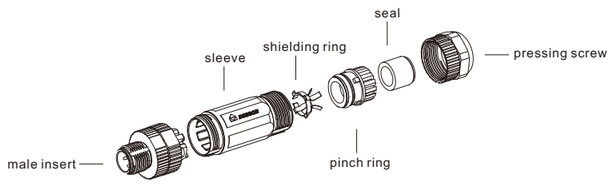


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Shielding	Shielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

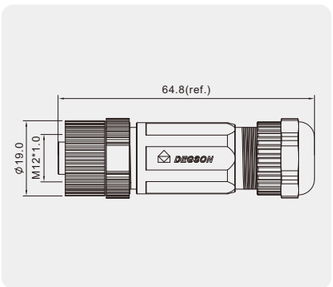
Number of Pins		03 Pin	04 Pin		05 Pin		06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View							
Rated current	A.	4A	4A	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	250V	60V	60V	30V	30V
Wire/Cable	Wire gauge	22AWG	22AWG	22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section	0.34mm²	0.34mm²	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Cable OD : 4.5-6.0mm		PBSH-M12A-03P-MM-SL7001-00AH	PBSH-M12A-04P-MM-SL7001-00AH	PBSH-M12D-04P-MM-SL7001-00AH	PBSH-M12A-05P-MM-SL7001-00AH	PBSH-M12B-05P-MM-SL7001-00AH	PBSH-M12A-06P-MM-SL7001-00AH	PBSH-M12A-08P-MM-SL7001-00AH
Cable OD : 6.0-7.5mm		PBSH-M12A-03P-MM-SL7002-00AH	PBSH-M12A-04P-MM-SL7002-00AH	PBSH-M12D-04P-MM-SL7002-00AH	PBSH-M12A-05P-MM-SL7002-00AH	PBSH-M12B-05P-MM-SL7002-00AH	PBSH-M12A-06P-MM-SL7002-00AH	PBSH-M12A-08P-MM-SL7002-00AH

Component part drawing



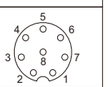
M12 x 1 Female Field Assembly Plug,Shielded,Screw Connection, Straight.



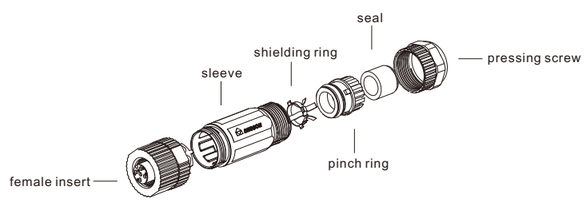


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Shielding	Shielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

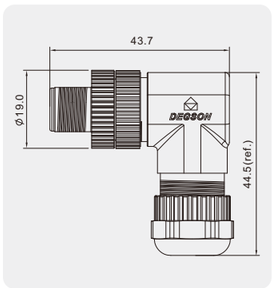
Number of Pins		03 Pin	04 Pin		05 Pin		06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View							
Rated current	A.	4A	4A	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	250V	60V	60V	30V	30V
Wire/Cable	Wire gauge	22AWG	22AWG	22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section	0.34mm²	0.34mm²	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Cable OD : 4.5-6.0mm		PBSH-M12A-03P-FF-SL7001-00AH	PBSH-M12A-04P-FF-SL7001-00AH	PBSH-M12D-04P-FF-SL7001-00AH	PBSH-M12A-05P-FF-SL7001-00AH	PBSH-M12B-05P-FF-SL7001-00AH	PBSH-M12A-06P-FF-SL7001-00AH	PBSH-M12A-08P-FF-SL7001-00AH
Cable OD : 6.0-7.5mm		PBSH-M12A-03P-FF-SL7002-00AH	PBSH-M12A-04P-FF-SL7002-00AH	PBSH-M12D-04P-FF-SL7002-00AH	PBSH-M12A-05P-FF-SL7002-00AH	PBSH-M12B-05P-FF-SL7002-00AH	PBSH-M12A-06P-FF-SL7002-00AH	PBSH-M12A-08P-FF-SL7002-00AH

Component part drawing



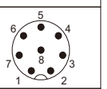
M12 x 1 Male Field Assembly Plug, Shielded,Screw Connection,Angled.



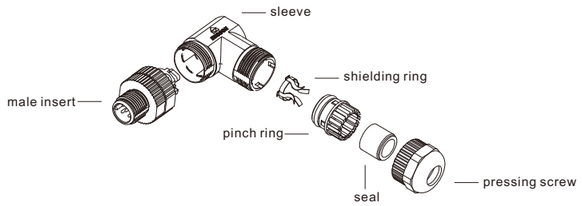


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Shielding	Shielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

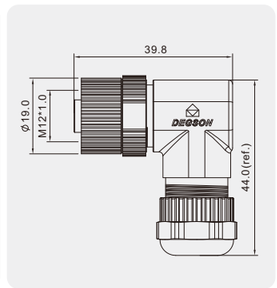
Number of Pins		03 Pin	04 Pin		05 Pin		06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View							
Rated current	A.	4A	4A	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	250V	60V	60V	30V	30V
Wire/Cable	Wire gauge	22AWG	22AWG	22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section	0.34mm²	0.34mm²	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Cable OD : 4.5-6.0mm		PBSH-M12A-03P-MM-SR7001-00AH	PBSH-M12A-04P-MM-SR7001-00AH	PBSH-M12D-04P-MM-SR7001-00AH	PBSH-M12A-05P-MM-SR7001-00AH	PBSH-M12B-05P-MM-SR7001-00AH	PBSH-M12A-06P-MM-SR7001-00AH	PBSH-M12A-08P-MM-SR7001-00AH
Cable OD : 6.0-7.5mm		PBSH-M12A-03P-MM-SR7002-00AH	PBSH-M12A-04P-MM-SR7002-00AH	PBSH-M12D-04P-MM-SR7002-00AH	PBSH-M12A-05P-MM-SR7002-00AH	PBSH-M12B-05P-MM-SR7002-00AH	PBSH-M12A-06P-MM-SR7002-00AH	PBSH-M12A-08P-MM-SR7002-00AH

Component part drawing



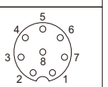
M12 x 1 Female Field Assembly Plug, Shielded,Screw Connection,Angled.



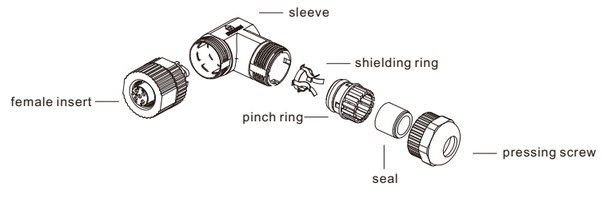


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Shielding	Shielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

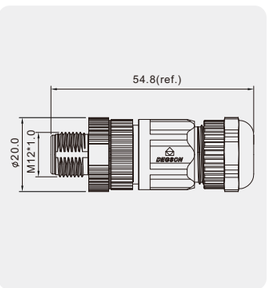
Number of Pins		03 Pin	04 Pin		05 Pin		06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	D-Coded	A-Coded	B-Coded	A-Coded	A-Coded
	Front View							
Rated current	A.	4A	4A	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	250V	60V	60V	30V	30V
Wire/Cable	Wire gauge	22AWG	22AWG	22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section	0.34mm²	0.34mm²	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Cable OD : 4.5-6.0mm		PBSH-M12A-03P-FF-SR7001-00AH	PBSH-M12A-04P-FF-SR7001-00AH	PBSH-M12D-04P-FF-SR7001-00AH	PBSH-M12A-05P-FF-SR7001-00AH	PBSH-M12B-05P-FF-SR7001-00AH	PBSH-M12A-06P-FF-SR7001-00AH	PBSH-M12A-08P-FF-SR7001-00AH
Cable OD : 6.0-7.5mm		PBSH-M12A-03P-FF-SR7002-00AH	PBSH-M12A-04P-FF-SR7002-00AH	PBSH-M12D-04P-FF-SR7002-00AH	PBSH-M12A-05P-FF-SR7002-00AH	PBSH-M12B-05P-FF-SR7002-00AH	PBSH-M12A-06P-FF-SR7002-00AH	PBSH-M12A-08P-FF-SR7002-00AH

Component part drawing



M12 x 1 Male Field Assembly Plug, Unshielded,Soldering Connection, Straight.



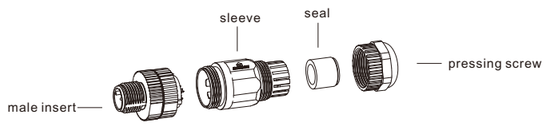


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic of nut	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	60V	30V	30V
Wire/Cable	Wire gauge	22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Metal of nut		PA-M12A-03P-MM-SL7001-00AH	PA-M12A-04P-MM-SL7001-00AH	PA-M12A-05P-MM-SL7001-00AH	PA-M12A-06P-MM-SL7001-00AH	PA-M12A-08P-MM-SL7001-00AH
Plastic of nut		PS-M12A-03P-MM-SL7001-00AH	PS-M12A-04P-MM-SL7001-00AH	PS-M12A-05P-MM-SL7001-00AH	PS-M12A-06P-MM-SL7001-00AH	PS-M12A-08P-MM-SL7001-00AH

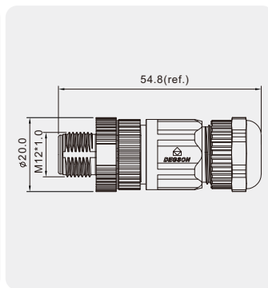
Component part drawing



DEGSON
M12 Series

M12 x 1 Male Field Assembly Plug, Unshielded,Soldering Connection, Straight.



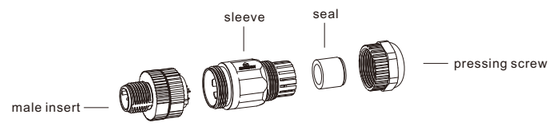


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic of nut	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

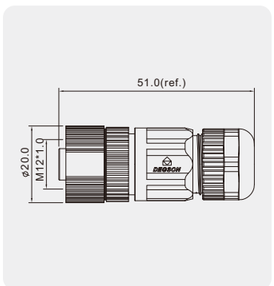
Number of Pins		10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View					
Rated current	A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.	30V	30V	30V	60V	250V
Wire/Cable	Wire gauge	26AWG	26AWG	26AWG	22AWG	22AWG
	Cross section	0.14mm²	0.14mm²	0.14mm²	0.34mm²	0.34mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Metal of nut		PA-M12A-10P-MM-SL7001-00AH	PA-M12A-12P-MM-SL7001-00AH	PA-M12A-17P-MM-SL7001-00AH	PA-M12B-05P-MM-SL7001-00AH	PA-M12D-04P-MM-SL7001-00AH
Plastic of nut		PS-M12A-10P-MM-SL7001-00AH	PS-M12A-12P-MM-SL7001-00AH	PS-M12A-17P-MM-SL7001-00AH	PS-M12B-05P-MM-SL7001-00AH	PS-M12D-04P-MM-SL7001-00AH

Component part drawing



M12 x 1 Female Field Assembly Plug, Unshielded,Soldering Connection,Straight.



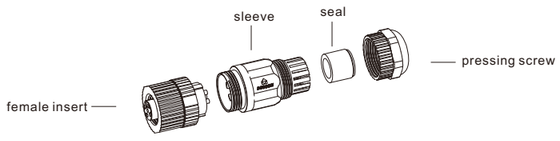


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic of nut	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	60V	30V	30V
Wire/Cable	Wire gauge	22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Metal of nut		PA-M12A-03P-FF-SL7001-00AH	PA-M12A-04P-FF-SL7001-00AH	PA-M12A-05P-FF-SL7001-00AH	PA-M12A-06P-FF-SL7001-00AH	PA-M12A-08P-FF-SL7001-00AH
Plastic of nut		PS-M12A-03P-FF-SL7001-00AH	PS-M12A-04P-FF-SL7001-00AH	PS-M12A-05P-FF-SL7001-00AH	PS-M12A-06P-FF-SL7001-00AH	PS-M12A-08P-FF-SL7001-00AH

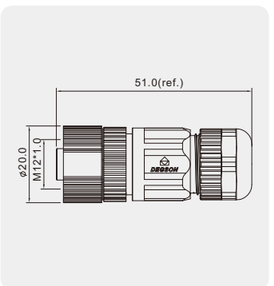
Component part drawing



DEGSON
M12 Series

M12 x 1 Female Field Assembly Plug, Unshielded,Soldering Connection,Straight.



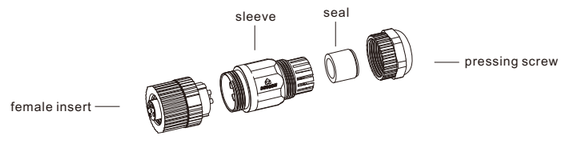


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic of nut	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

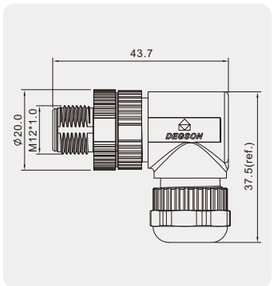
Number of Pins		10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View					
Rated current	A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.	30V	30V	30V	60V	250V
Wire/Cable	Wire gauge	26AWG	26AWG	26AWG	22AWG	22AWG
	Cross section	0.14mm²	0.14mm²	0.14mm²	0.34mm²	0.34mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Metal of nut		PA-M12A-10P-FF-SL7001-00AH	PA-M12A-12P-FF-SL7001-00AH	PA-M12A-17P-FF-SL7001-00AH	PA-M12B-05P-FF-SL7001-00AH	PA-M12D-04P-FF-SL7001-00AH
Plastic of nut		PS-M12A-10P-FF-SL7001-00AH	PS-M12A-12P-FF-SL7001-00AH	PS-M12A-17P-FF-SL7001-00AH	PS-M12B-05P-FF-SL7001-00AH	PS-M12D-04P-FF-SL7001-00AH

Component part drawing



M12 x 1 Male Field Assembly Plug, Unshielded,Soldering Connection,Angled.



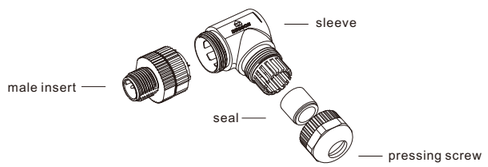


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic of nut	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	60V	30V	30V
Wire/Cable	Wire gauge	22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Metal of nut		PA-M12A-03P-MM-SR7001-00AH	PA-M12A-04P-MM-SR7001-00AH	PA-M12A-05P-MM-SR7001-00AH	PA-M12A-06P-MM-SR7001-00AH	PA-M12A-08P-MM-SR7001-00AH
Plastic of nut		PS-M12A-03P-MM-SR7001-00AH	PS-M12A-04P-MM-SR7001-00AH	PS-M12A-05P-MM-SR7001-00AH	PS-M12A-06P-MM-SR7001-00AH	PS-M12A-08P-MM-SR7001-00AH

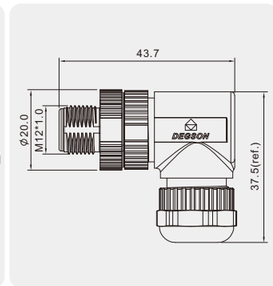
Component part drawing



DEGSON
M12 Series

M12 x 1 Male Field Assembly Plug, Unshielded,Soldering Connection,Angled.



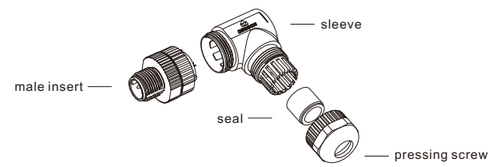


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic of nut	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

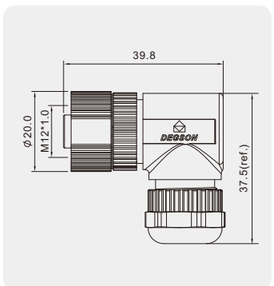
Number of Pins		10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View					
Rated current	A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.	30V	30V	30V	60V	250V
Wire/Cable	Wire gauge	26AWG	26AWG	26AWG	22AWG	22AWG
	Cross section	0.14mm²	0.14mm²	0.14mm²	0.34mm²	0.34mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Metal of nut		PA-M12A-10P-MM-SR7001-00AH	PA-M12A-12P-MM-SR7001-00AH	PA-M12A-17P-MM-SR7001-00AH	PA-M12B-05P-MM-SR7001-00AH	PA-M12D-04P-MM-SR7001-00AH
Plastic of nut		PS-M12A-10P-MM-SR7001-00AH	PS-M12A-12P-MM-SR7001-00AH	PS-M12A-17P-MM-SR7001-00AH	PS-M12B-05P-MM-SR7001-00AH	PS-M12D-04P-MM-SR7001-00AH

Component part drawing



M12 x 1 Female Field Assembly Plug, Unshielded,Soldering Connection,Angled.



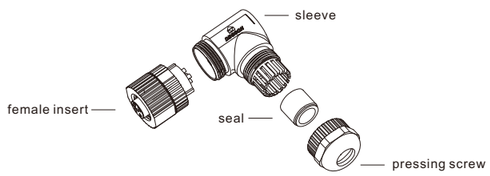


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic of nut	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	60V	30V	30V
Wire/Cable	Wire gauge	22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Metal of nut		PA-M12A-03P-FF-SR7001-00AH	PA-M12A-04P-FF-SR7001-00AH	PA-M12A-05P-FF-SR7001-00AH	PA-M12A-06P-FF-SR7001-00AH	PA-M12A-08P-FF-SR7001-00AH
Plastic of nut		PS-M12A-03P-FF-SR7001-00AH	PS-M12A-04P-FF-SR7001-00AH	PS-M12A-05P-FF-SR7001-00AH	PS-M12A-06P-FF-SR7001-00AH	PS-M12A-08P-FF-SR7001-00AH

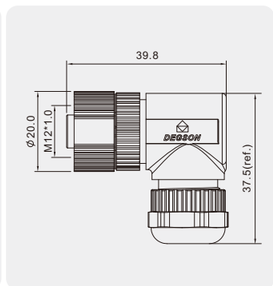
Component part drawing



DEGSON
M12 Series

M12 x 1 Female Field Assembly Plug, Unshielded,Soldering Connection,Angled.



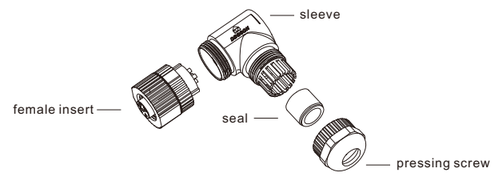


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Plastic of nut	PA
Rated voltage	250V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

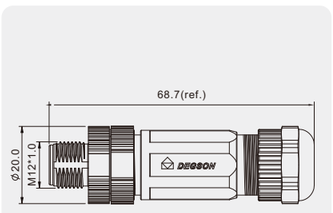
Number of Pins		10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View					
Rated current	A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.	30V	30V	30V	60V	250V
Wire/Cable	Wire gauge	26AWG	26AWG	26AWG	22AWG	22AWG
	Cross section	0.14mm²	0.14mm²	0.14mm²	0.34mm²	0.34mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Metal of nut		PA-M12A-10P-FF-SR7001-00AH	PA-M12A-12P-FF-SR7001-00AH	PA-M12A-17P-FF-SR7001-00AH	PA-M12B-05P-FF-SR7001-00AH	PA-M12D-04P-FF-SR7001-00AH
Plastic of nut		PS-M12A-10P-FF-SR7001-00AH	PS-M12A-12P-FF-SR7001-00AH	PS-M12A-17P-FF-SR7001-00AH	PS-M12B-05P-FF-SR7001-00AH	PS-M12D-04P-FF-SR7001-00AH

Component part drawing



M12 x 1 Male Field Assembly Plug, Shielded,Soldering Connection, Straight.



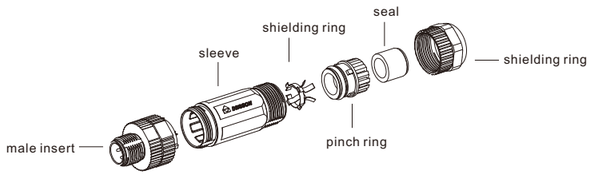


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Shielding	Shielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	60V	30V	30V
Wire/Cable	Wire gauge	22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Cable OD：4.5-6.0mm		PASH-M12A-03P-MM-SL7001-00AH	PASH-M12A-04P-MM-SL7001-00AH	PASH-M12A-05P-MM-SL7001-00AH	PASH-M12A-06P-MM-SL7001-00AH	PASH-M12A-08P-MM-SL7001-00AH
Cable OD：6.0-7.5mm		PASH-M12A-03P-MM-SL7002-00AH	PASH-M12A-04P-MM-SL7002-00AH	PASH-M12A-05P-MM-SL7002-00AH	PASH-M12A-06P-MM-SL7002-00AH	PASH-M12A-08P-MM-SL7002-00AH

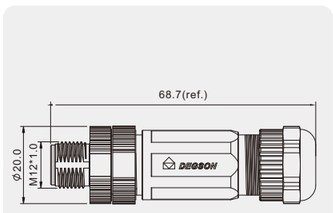
Component part drawing



DEGSON
M12 Series

M12 x 1 Male Field Assembly Plug, Shielded,Soldering Connection, Straight.



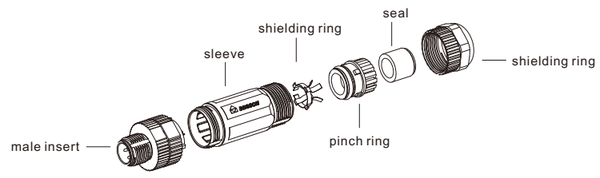


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Shielding	Shielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

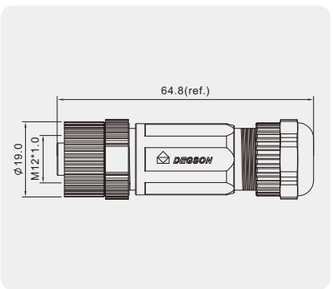
Number of Pins		10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View					
Rated current	A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.	30V	30V	30V	60V	250V
Wire/Cable	Wire gauge	26AWG	26AWG	26AWG	22AWG	22AWG
	Cross section	0.14mm²	0.14mm²	0.14mm²	0.34mm²	0.34mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Cable OD：4.5-6.0mm		PASH-M12A-10P-MM-SL7001-00AH	PASH-M12A-12P-MM-SL7001-00AH	PASH-M12A-17P-MM-SL7001-00AH	PASH-M12B-05P-MM-SL7001-00AH	PASH-M12D-04P-MM-SL7001-00AH
Cable OD：6.0-7.5mm		PASH-M12A-10P-MM-SL7002-00AH	PASH-M12A-12P-MM-SL7002-00AH	PASH-M12A-17P-MM-SL7002-00AH	PASH-M12B-05P-MM-SL7002-00AH	PASH-M12D-04P-MM-SL7002-00AH

Component part drawing



M12 x 1 Female Field Assembly Plug, Shielded,Soldering Connection, Straight.



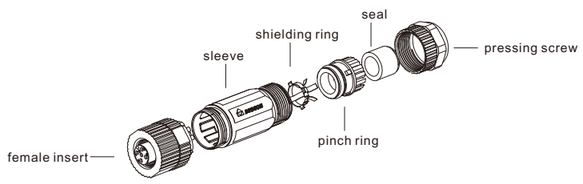


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Shielding	Shielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	60V	30V	30V
Wire/Cable	Wire gauge	22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Cable OD : 4.5-6.0mm		PASH-M12A-03P-FF-SL7001-00AH	PASH-M12A-04P-FF-SL7001-00AH	PASH-M12A-05P-FF-SL7001-00AH	PASH-M12A-06P-FF-SL7001-00AH	PASH-M12A-08P-FF-SL7001-00AH
Cable OD : 6.0-7.5mm		PASH-M12A-03P-FF-SL7002-00AH	PASH-M12A-04P-FF-SL7002-00AH	PASH-M12A-05P-FF-SL7002-00AH	PASH-M12A-06P-FF-SL7002-00AH	PASH-M12A-08P-FF-SL7002-00AH

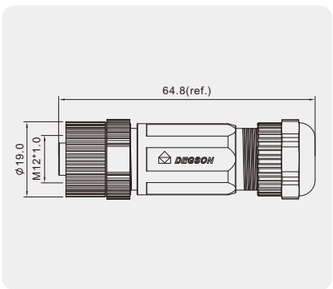
Component part drawing



DEGSON
M12 Series

M12 x 1 Female Field Assembly Plug, Shielded,Soldering Connection, Straight.



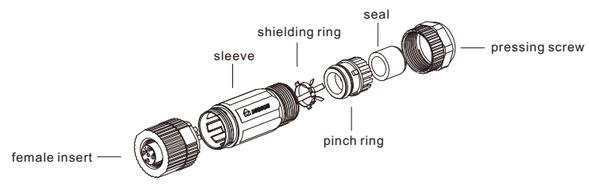


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Shielding	Shielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

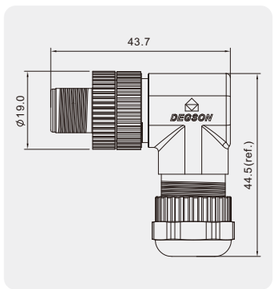
Number of Pins		10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View					
Rated current	A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.	30V	30V	30V	60V	250V
Wire/Cable	Wire gauge	26AWG	26AWG	26AWG	22AWG	22AWG
	Cross section	0.14mm²	0.14mm²	0.14mm²	0.34mm²	0.34mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Cable OD : 4.5-6.0mm		PASH-M12A-10P-FF-SL7001-00AH	PASH-M12A-12P-FF-SL7001-00AH	PASH-M12A-17P-FF-SL7001-00AH	PASH-M12B-05P-FF-SL7001-00AH	PASH-M12D-04P-FF-SL7001-00AH
Cable OD : 6.0-7.5mm		PASH-M12A-10P-FF-SL7002-00AH	PASH-M12A-12P-FF-SL7002-00AH	PASH-M12A-17P-FF-SL7002-00AH	PASH-M12B-05P-FF-SL7002-00AH	PASH-M12D-04P-FF-SL7002-00AH

Component part drawing



M12 x 1 Male Field Assembly Plug, Shielded,Soldering Connection, Angled.



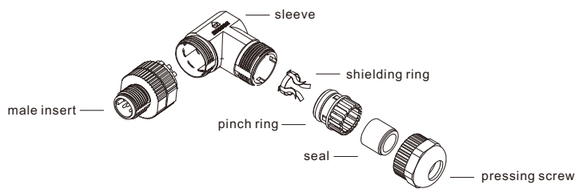


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Shielding	Shielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	60V	30V	30V
Wire/Cable	Wire gauge	22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Cable OD : 4.5-6.0mm		PASH-M12A-03P-MM-SR7001-00AH	PASH-M12A-04P-MM-SR7001-00AH	PASH-M12A-05P-MM-SR7001-00AH	PASH-M12A-06P-MM-SR7001-00AH	PASH-M12A-08P-MM-SR7001-00AH
Cable OD : 6.0-7.5mm		PASH-M12A-03P-MM-SR7002-00AH	PASH-M12A-04P-MM-SR7002-00AH	PASH-M12A-05P-MM-SR7002-00AH	PASH-M12A-06P-MM-SR7002-00AH	PASH-M12A-08P-MM-SR7002-00AH

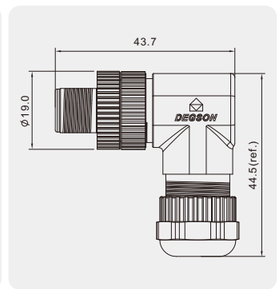
Component part drawing



DEGSON
M12 Series

M12 x 1 Male Field Assembly Plug, Shielded,Soldering Connection, Angled.



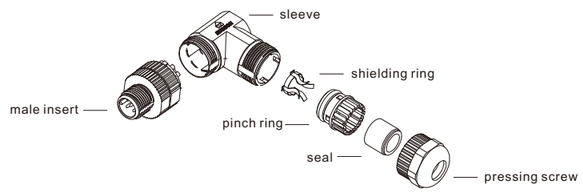


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Male	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Shielding	Shielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

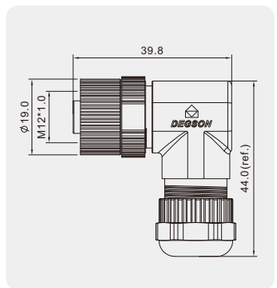
Number of Pins		10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View					
Rated current	A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.	30V	30V	30V	60V	250V
Wire/Cable	Wire gauge	26AWG	26AWG	26AWG	22AWG	22AWG
	Cross section	0.14mm²	0.14mm²	0.14mm²	0.34mm²	0.34mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Cable OD : 4.5-6.0mm		PASH-M12A-10P-MM-SR7001-00AH	PASH-M12A-12P-MM-SR7001-00AH	PASH-M12A-17P-MM-SR7001-00AH	PASH-M12B-05P-MM-SR7001-00AH	PASH-M12D-04P-MM-SR7001-00AH
Cable OD : 6.0-7.5mm		PASH-M12A-10P-MM-SR7002-00AH	PASH-M12A-12P-MM-SR7002-00AH	PASH-M12A-17P-MM-SR7002-00AH	PASH-M12B-05P-MM-SR7002-00AH	PASH-M12D-04P-MM-SR7002-00AH

Component part drawing



M12 x 1 Female Field Assembly Plug, Shielded,Soldering Connection, Angled.



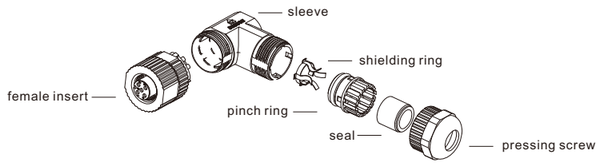


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Shielding	Shielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	06 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View					
Rated current	A.	4A	4A	4A	2A	2A
Rated voltage	V.	250V	250V	60V	30V	30V
Wire/Cable	Wire gauge	22AWG	22AWG	22AWG	24AWG	24AWG
	Cross section	0.34mm²	0.34mm²	0.34mm²	0.25mm²	0.25mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Cable OD : 4.5-6.0mm		PASH-M12A-03P-FF-SR7001-00AH	PASH-M12A-04P-FF-SR7001-00AH	PASH-M12A-05P-FF-SR7001-00AH	PASH-M12A-06P-FF-SR7001-00AH	PASH-M12A-08P-FF-SR7001-00AH
Cable OD : 6.0-7.5mm		PASH-M12A-03P-FF-SR7002-00AH	PASH-M12A-04P-FF-SR7002-00AH	PASH-M12A-05P-FF-SR7002-00AH	PASH-M12A-06P-FF-SR7002-00AH	PASH-M12A-08P-FF-SR7002-00AH

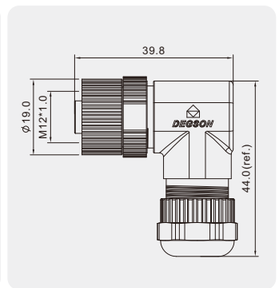
Component part drawing



DEGSON
M12 Series

M12 x 1 Female Field Assembly Plug, Shielded,Soldering Connection, Angled.



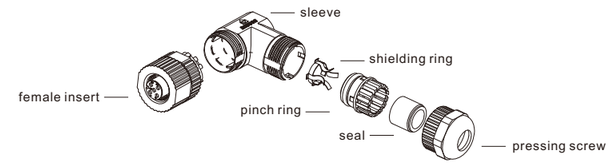


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,06,08,10,12,17 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Shielding	Shielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 25 ~ +105℃	—	—
IP Class	IP67	—	—

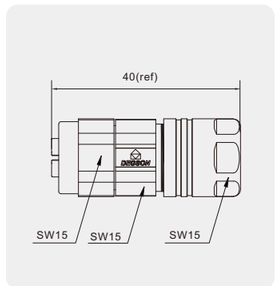
Number of Pins		10 Pin	12 Pin	17 Pin	05 Pin	04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	B-Coded	D-Coded
	Front View					
Rated current	A.	1.5A	1.5A	1.5A	4A	4A
Rated voltage	V.	30V	30V	30V	60V	250V
Wire/Cable	Wire gauge	26AWG	26AWG	26AWG	22AWG	22AWG
	Cross section	0.14mm²	0.14mm²	0.14mm²	0.34mm²	0.34mm²
Description		Order NO .	Order NO .	Order NO .	Order NO .	Order NO .
Cable OD : 4.5-6.0mm		PASH-M12A-10P-FF-SR7001-00AH	PASH-M12A-12P-FF-SR7001-00AH	PASH-M12A-17P-FF-SR7001-00AH	PASH-M12B-05P-FF-SR7001-00AH	PASH-M12D-04P-FF-SR7001-00AH
Cable OD : 6.0-7.5mm		PASH-M12A-10P-FF-SR7002-00AH	PASH-M12A-12P-FF-SR7002-00AH	PASH-M12A-17P-FF-SR7002-00AH	PASH-M12B-05P-FF-SR7002-00AH	PASH-M12D-04P-FF-SR7002-00AH

Component part drawing



M12 x 1 Female Field Assembly Plug, Shielded,Crimping Connection, Straight.



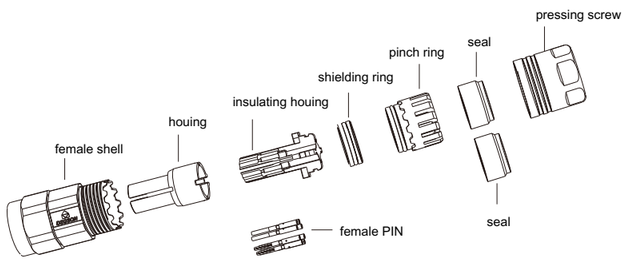


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	08Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	0.5A max.	Seal	Silicone
Rated voltage	50V max.	Shielding	Shielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +85℃	—	—
IP Class	IP67	—	—

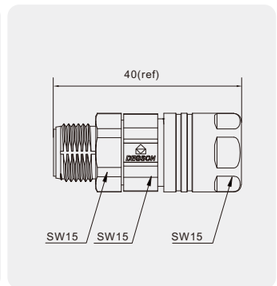
Number of Pins		08 Pin
Coding	Coded	X-Coded
	Front View	
Rated current	A.	0.5A
Rated voltage	V.	50V AC / 60V DC
Wire/Cable	Wire gauge	22~26AWG
	Wire diameter including insulation	≤Φ 1.6mm
	Conductor cross section	0.14~0.34mm²
Description		Order NO .
Cable OD：Φ6.0~Φ9.5mm		PCSH-M12X-08P-FF-SL7001-00AH

Component part drawing



M12 x 1 Female Field Assembly Plug, Shielded, Crimping Connection, Straight.



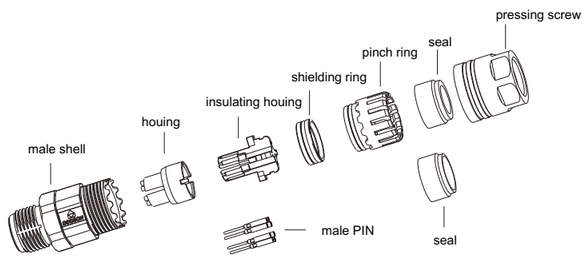


Technical Data

Standard	IEC 61076	Contact carriers material	PA
Series	M12, Female	Contact material	Copper Alloy, Gold-plated
Number of Pins	08Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	0.5A max.	Seal	Silicone
Rated voltage	50V max.	Shielding	Shielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 40 ~ +85℃	—	—
IP Class	IP67	—	—

Number of Pins		08 Pin
Coding	Coded	X-Coded
	Front View	
Rated current	A.	0.5A
Rated voltage	V.	50V AC / 60V DC
Wire/Cable	Wire gauge	22~26AWG
	Wire diameter including insulation	≤Φ 1.6mm
	Conductor cross section	0.14~0.34mm²
Description		订单号 Order NO .
Cable OD：Φ6.0~Φ9.5mm		PCSH-M12X-08P-MM-SL7001-00AH

Component part drawing





Advantages

- Perfect compatibility with each brand.
- A variety of combinations meet multiple installation environments.
- 360 ° EMC shielding, suitable for complex electromagnetic environments.
- Optimize the structure. Improve the wire ends locking to reduce trouble risks; Innovative anti-return contact pins to prevent the internal structure from loosening; Second locking system improve product reliability.
- Anti-vibration ensure high reliability in harsh environment.
- Easy installation, even non-professionals can quickly complete the assembly and replace the defective parts.
- Complete test report.

Features

- Rated current: up to 28A
- Rated voltage:up to 630V
- Signal: 12 Pins, 17 Pins
- Power: 5+PE
- Hybrid: 5+3+PE
- Protection Degree:IP67
- Assembly and panel type Installation
- Suitable for standard connection technology



Circular Connectors Part Number

Circular Connectors Part Number Reference

□□□□ – M23□ – □□P – □□ – □□□□□□ – □□AH

Special coding
00-Standards
01 ~ 99-Extended products

Number of Contacts
□□
06,09,12,17Pin

Coding
□ P – Power
□ R – Signal Clockwise
□ L – Power(3+PE+5_C)
□ E – Power(3+PE+5_A)
□ F – Power(3+PE+4)
□ H – Hybrid

Connector Style
□ M- Male Connector
□ F- Female Connector

IP Class
□ 4 = IP 54
□ 5 = IP 65
□ 6 = IP 66
□ 7 = IP 67
□ 8 = IP 68

With or without Shielded
□ SH- Shielded

Contact Type
□ M - Male
□ F - Female

Serial Number
000: Phantom
Without Cable (A,C)
□ 001: (OD:8.5~12)
□ 002: (OD:5~8.5)
□ 003: (OD:12~14)

For Panel (P,R,D)
□ 001:M25*1.5
□ 002:M21*1.5

For Square (A,C)
□ 000:19.8*19.8
□ 001:22.6*22.6

Assemble Style
□ M-Molding Type
□ A-Assembly Type(Solder)
□ C-Assembly Type(Crimp)

Mating Style
□ S - Screw
□ P - Push Pull

Style
□ P – Plug (For Molding and Assembly)
□ S – Socket (For Panel)

Back Shell
□ L - Straight (For Molding and Assembly)
□ R - Socket elbow (For Molding and Assembly)
□ B - Plug elbow (For Molding and Assembly)
□ S - Square (For Panel)
□ F - Front Hexagonal (For Panel)
□ H - Rear Hexagonal (For Panel)
□ W - Front Circular (For Panel)
□ N - Rear Circular (For Panel)

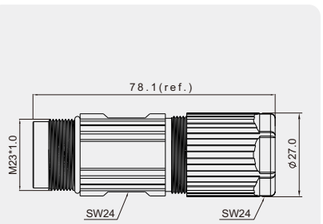
For example :

Assembly Type Signal 06Pin : PCSH-M23P-06P-FF-SL7001-00A(H)

Details: Assembly Type,M23 Power,6Pin,female socket female Pin,thread locked, straight head, IP67,standard products.

M23x 1 Male Field Assembly Plug, Shielded,Crimping Connection, Straight.



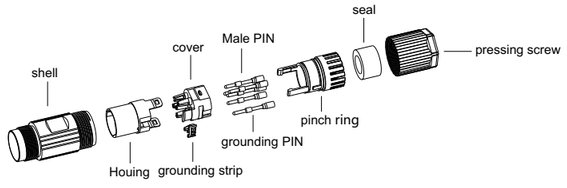


Technical Data

Series	M23, Male	Contact carriers material	PA
Number of Pins	5+PE	Contact material	Copper Alloy, Gold-plated
Rated Current	28A	Metal shell	Copper Alloy with Nickel Plated
Rated voltage	630V	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Shielded
Withstand voltage	4.0KV AC	Mechanical life	≥ 500 mating cycles
Ambient temperature	- 40 ~ +125℃	IP Class	IP67

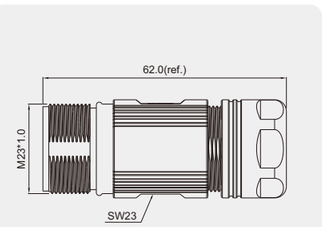
Number of Pins		5+PE Pin
Coding	Front View	
Rated current	A.	28A
Rated voltage	V.	630V
Wire gauge		12-14AWG
Apply OD		8.5-12mm
Description		Order NO .
With the Pin		PCSH-M23P-06P-MM-SL7001-00A(H)

Component part drawing



M23x 1 Male Field Assembly Plug, Shielded,Crimping Connection, Straight.



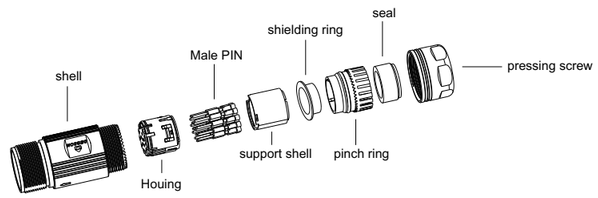


Technical Data

Series	M23,Male	Contact carriers material	PBT
Number of Pins	12,17 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	8A	Metal shell	Zinc Alloy with Nickel Plated
Rated voltage	160V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Shielded
Withstand voltage	2.0KV AC	Mechanical life	≥ 500 mating cycles
Ambient temperature	- 40 ~ +125℃	IP Class	IP67

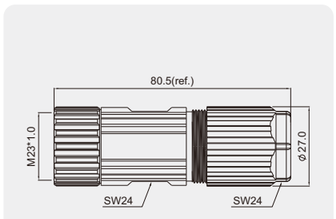
Number of Pins		12 Pin	17 Pin
Coding	Front View		
Rated current	A.	8A	8A
Rated voltage	V.	160V	125V
Wire gauge		18-28AWG	18-28AWG
Apply OD		5-14mm	5-14mm
Description		Order NO .	Order NO .
With the Pin 18~24AWG	OD 8.5~12mm	PCSH-M23R-12P-MM-SL7001-00A(H)	PCSH-M23R-17P-MM-SL7001-00A(H)
	OD 5~8.5mm	PCSH-M23R-12P-MM-SL7002-00A(H)	PCSH-M23R-17P-MM-SL7002-00A(H)
	OD 12~14mm	PCSH-M23R-12P-MM-SL7003-00A(H)	PCSH-M23R-17P-MM-SL7003-00A(H)
Without the Pin	OD 8.5~12mm	P-M23R-12P-MM-SL7001-00A(H)	P-M23R-17P-MM-SL7001-00A(H)
	OD 5~8.5mm	P-M23R-12P-MM-SL7002-00A(H)	P-M23R-17P-MM-SL7002-00A(H)
	OD 12~14mm	P-M23R-12P-MM-SL7003-00A(H)	P-M23R-17P-MM-SL7003-00A(H)
Pin	24~28AWG	CT-M23R-GM-10-01	CT-M23R-GM-10-01
	18~24AWG	CT-M23R-GM-10-02	CT-M23R-GM-10-02

Component part drawing



M23x 1 Female Field Assembly Plug, Shielded,Crimping Connection, Straight.



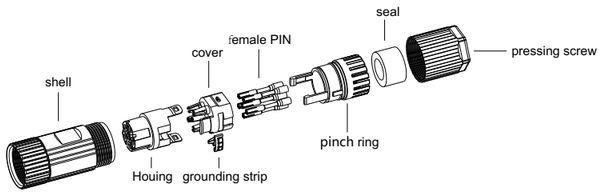


Technical Data

Series	M23, Female	Contact carriers material	PA
Number of Pins	5+PE	Contact material	Copper Alloy, Gold-plated
Rated Current	28A	Metal shell	Copper Alloy with Nickel Plated
Rated voltage	630V	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Shielded
Withstand voltage	4.0KV AC	Mechanical life	≥ 500 mating cycles
Ambient temperature	- 40 ~ +125℃	IP Class	IP67

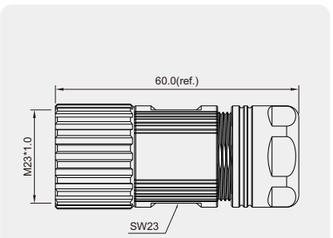
Number of Pins		5+PE Pin
Coding	Front View	
Rated current	A.	28A
Rated voltage	V.	630V
Wire gauge		12-14AWG
Apply OD		8.5-12mm
Description		Order NO .
With the Pin		PCSH-M23P-06P-FF-SL7001-00A(H)

Component part drawing



M23x 1 Female Field Assembly Plug, Shielded,Crimping Connection, Straight.



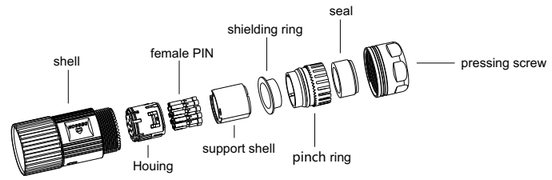


Technical Data

Series	M23, Female	Contact carriers material	PBT
Number of Pins	12,17 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	8A	Metal shell	Zinc Alloy with Nickel Plated
Rated voltage	160V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Shielded
Withstand voltage	2.0KV AC	Mechanical life	≥ 500 mating cycles
Ambient temperature	- 40 ~ +125℃	IP Class	IP67

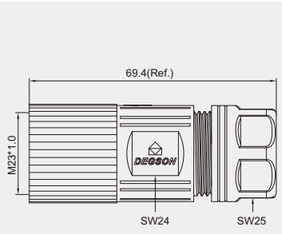
Number of Pins		12 Pin	17 Pin
Coding	Front View		
Rated current	A.	8A	8A
Rated voltage	V.	160V	125V
Wire gauge		18-28AWG	18-28AWG
Apply OD		5-14mm	5-14mm
Description		Order NO .	Order NO .
With the Pin 18~24AWG	OD 8.5~12mm	PCSH-M23R-12P-FF-SL7001-00A(H)	PCSH-M23R-17P-FF-SL7001-00A(H)
	OD 5~8.5mm	PCSH-M23R-12P-FF-SL7002-00A(H)	PCSH-M23R-17P-FF-SL7002-00A(H)
	OD 12~14mm	PCSH-M23R-12P-FF-SL7003-00A(H)	PCSH-M23R-17P-FF-SL7003-00A(H)
Without the Pin	OD 8.5~12mm	P-M23R-12P-FF-SL7001-00A(H)	P-M23R-17P-FF-SL7001-00A(H)
	OD 5~8.5mm	P-M23R-12P-FF-SL7002-00A(H)	P-M23R-17P-FF-SL7002-00A(H)
	OD 12~14mm	P-M23R-12P-FF-SL7003-00A(H)	P-M23R-17P-FF-SL7003-00A(H)
Pin	24~28AWG	CT-M23R-GF-10-01	CT-M23R-GF-10-01
	18~24AWG	CT-M23R-GF-10-02	CT-M23R-GF-10-02

Component part drawing



M23x 1 Female Field Assembly Plug Shielded, Crimping Connection, Straight.



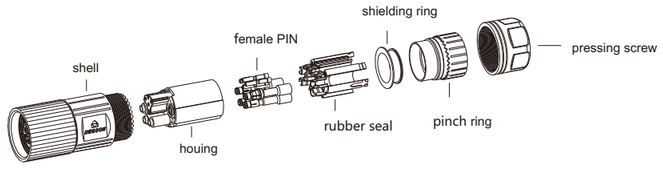


Technical Data

Series	M23, Female	Contact carriers material	PA
Number of Pins	5+3+PE	Contact material	Copper Alloy, Gold-plated
Rated Current	Power: 30A	Metal shell	Copper Alloy with Nickel Plated
	Signal: 7A	Seal	Silicone
Rated voltage	Power: 630V	Shielding	Shielded
	Signal: 250V	Mechanical life	≥ 500 mating cycles
Insulation resistance	≥100MΩ	IP Class	IP67
Withstand voltage	3.5KV AC max.	—	—
Ambient temperature	- 40 ~ +125℃	—	—

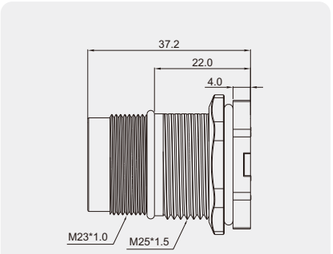
Number of Pins		5+3+PE Pin
Coding	Front View	
Rated current	A.	30A / 7A
Rated voltage	V.	630V / 250V
Wire gauge		Power : 0.35-2.5mm²
		Signal : 0.06-1.0mm²
Apply OD		8.5-12mm
Description		Order NO .
With the Pin		PCSH-M23L-09P-FF-SL7001-00A(H)

Component part drawing



M23x 1 Male Panel Mount Receptacle,Field Assembly Socket,Shielded,Crimping Connection,Straight.



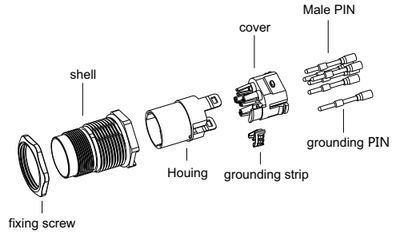


Technical Data

Series	M23, Male	Contact carriers material	PA
Number of Pins	5+PE	Contact material	Copper Alloy, Gold-plated
Rated Current	28A	Metal shell	Copper Alloy with Nickel Plated
Rated voltage	630V	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Shielded
Withstand voltage	4.0KV AC	Mechanical life	≥ 500 mating cycles
Ambient temperature	- 40 ~ +125℃	IP Class	IP67

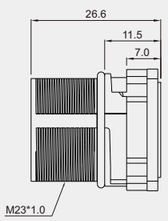
Number of Pins		5+PE Pin
Coding	Front View	
Rated current	A.	28A
Rated voltage	V.	630V
Wire gauge		12-14AWG
Description		Order NO .
With the Pin		SCSH-M23P-06P-MM-SF7001-00A(H)

Component part drawing



M23x 1 Male Panel Mount Receptacle,Field Assembly Socket,Shielded,Crimping Connection,Straight.



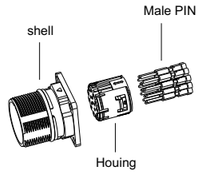


Technical Data

Series	M23,Male	Contact carriers material	PBT
Number of Pins	12,17 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	8A	Metal shell	Zinc Alloy with Nickel Plated
Rated voltage	160V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Shielded
Withstand voltage	2.0KV AC	Mechanical life	≥ 500 mating cycles
Ambient temperature	- 40 ~ +125℃	IP Class	IP67

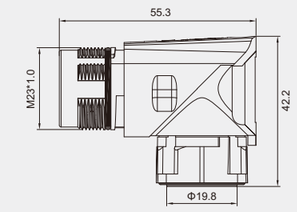
Number of Pins		10 Pin	17 Pin
Coding	Front View		
Rated current	A.	8A	8A
Rated voltage	V.	160V	125V
Wire gauge		18-28AWG	18-28AWG
Description		Order NO .	Order NO .
With the Pin		SCSH-M23R-12P-MM-SS7000-00A(H)	SCSH-M23R-17P-MM-SS7000-00A(H)
Without the Pin		S-M23R-12P-MM-SS7000-00A(H)	S-M23R-17P-MM-SS7000-00A(H)
Pin		CT-M23R-GM-10-01	CT-M23R-GM-10-01
		CT-M23R-GM-10-02	CT-M23R-GM-10-02

Component part drawing



M23x 1 Male Panel Mount Receptacle,Field Assembly Socket,Shielded, Crimping Connection,Angled.



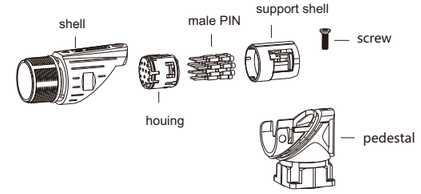


Technical Data

Series	M23,Male	Contact carriers material	PBT
Number of Pins	12,17 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	7A	Metal shell	Zinc Alloy with Nickel Plated
Rated voltage	160V	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Shielded
Withstand voltage	2.0KV AC	Mechanical life	≥ 500 mating cycles
Ambient temperature	- 20 ~ +125℃	IP Class	IP67

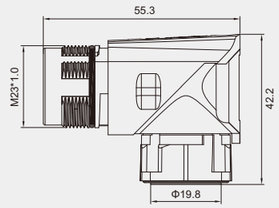
Number of Pins		12 Pin
Coding	Front View	
Rated current	A.	7A
Rated voltage	V.	160V
Wire gauge		18-24AWG
Description		Order NO .
With the Pin		SCSH-M23R-12P-MM-SR7000-00A(H)
Without the Pin		S-M23R-12P-MM-SR7000-00A(H)
Pin		CT-M23R-GM-10-01
		CT-M23R-GM-10-02

Component part drawing



M23x 1 Male Panel Mount Receptacle,Field Assembly Socket,Shielded, Crimping Connection,Angled.



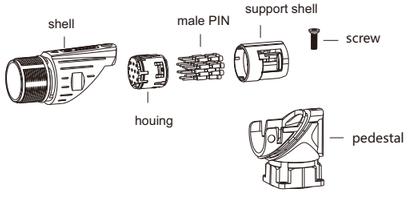


Technical Data

Series	M23,Male	Contact carriers material	PBT
Number of Pins	12,17 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	7A	Metal shell	Zinc Alloy with Nickel Plated
Rated voltage	160V	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Shielded
Withstand voltage	2.0KV AC	Mechanical life	≥ 500 mating cycles
Ambient temperature	- 20 ~ +125℃	IP Class	IP67

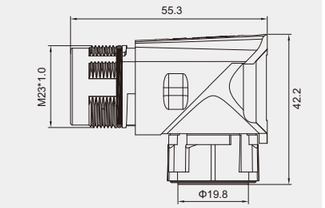
Number of Pins		17 Pin
Coding	Front View	
Rated current	A.	7A
Rated voltage	V.	160V
Wire gauge		18-24AWG
Description		Order NO .
With the Pin		SCSH-M23R-17P-MM-SR7000-00A(H)
Without the Pin		S-M23R-17P-MM-SR7000-00A(H)
Pin		CT-M23R-GM-10-01
		CT-M23R-GM-10-02

Component part drawing



M23x 1 Male Panel Mount Receptacle,Field Assembly Socket,Shielded,Crimping Connection,Angled.



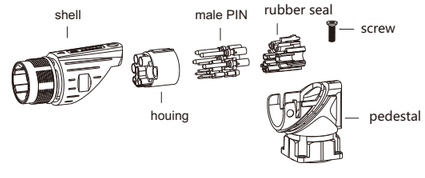


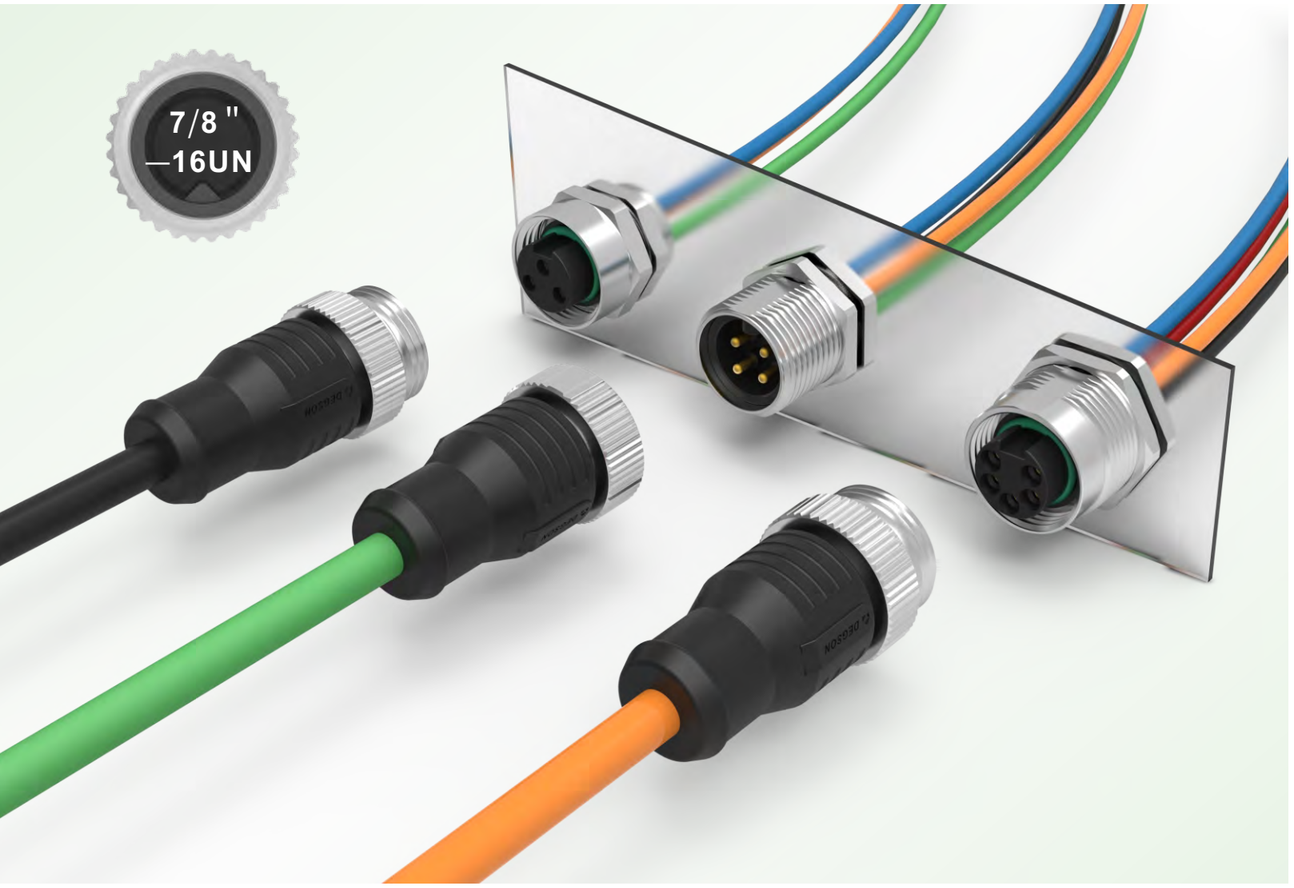
Technical Data

Series	M23, Female	Contact carriers material	PBT
Number of Pins	5+3+PE	Contact material	Copper Alloy, Gold-plated
Rated Current	Power: 30A Signal: 7A	Metal shell	Zinc Alloy with Nickel Plated
Rated voltage	Power: 630V Signal: 250V	Seal	Silicone
Insulation resistance	≥100MΩ	Shielding	Shielded
Withstand voltage	3.5KV AC max.	Mechanical life	≥ 500 mating cycles
Ambient temperature	- 20 ~ +125℃	IP Class	IP67
—	—	—	—

Number of Pins		5+3+PE Pin
Coding	Front View	
Rated current	A.	30A / 7A
Rated voltage	V.	630V / 250V
Wire gauge		Power: 0.35-2.5mm^2 Signal: 0.14-1.0mm^2
Description		Order NO .
With the Pin		SCSH-M23L-09P-MM-SR7000-00A(H)
Without the Pin		S-M23L-09P-MM-SR7000-00A(H)
Pin		CT-M23R-GM-10-01 CT-M23R-GM-10-02

Component part drawing



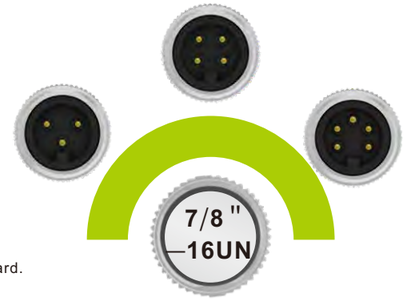


Advantages

- Good sealing performance ,with IP class up to IP 68.
- Dimension optimization,save space.
- Shield is optional,provide reliable electromagnetic protection.
- Wire connection method is optional, suitable for continuous shock and vibration environment.
- Connection technology is suitable for all application field.
- Compatible with same series connectors on the market.

Features

- Cable material: PUR, PVC.
- IP-class: IP68.
- Shield is optional.
- Wire connection is optional.
- Complaince with IEC 61076 standard.



Circular Connectors Part Number

Circular Connectors Part Number Reference

□□□□ – MC – □□P – □□ – □□□□□□ – □□A(H)

Number of Contacts
□□
03,04,05 Pin

Special coding
00-Standards
01～99-Extended products

Quality grade
A--A

Connector Style
□ M- Male Connector
□ F- Female Connector

IP Class
□ 4 = IP 54
□ 5 = IP 65
□ 6 = IP 66
□ 7 = IP 67
□ 8 = IP 68

With or without Shielded
□ SH- Shielded
□ Unshielded

Contact Type
□ M - Male (公)
□ F - Female (母)

Serial Number
000 : Phantom
Without Cable (A,B)
001(PG11),002(PG13.5).....,

For Panel (P,R)
□ 001: PG11
□ 002: M20*1.5
□ 003: M25*1.5
□ 004: 7/8"-16UN
With Cable (M)
X:
□ A-PVC Black Cable UL2586
□ B-PU Black Cable UL20939
X01 - 1M ~
X99 - 99M

Panel with wire harness
(D)
□ A: PG11
□ B: M20*1.5
□ C: M25*1.5
□ D: 7/8"-16UN
Length (150~1500mm)
□ 15:150mm □ 30:300mm
□ 50:500mm

□ A0:1000mm □ A1:1100mm
□ B0:2000mm □ B1:2100mm
□ 001: PG11
□ 002: M20*1.5
□ 003: M25*1.5
□ 004:7/8"-16UN

Assemble Style
□ M-Molding Type
□ A-Assembly Type (Solder)
□ B-Assembly Type (Screw)
□ D-Solder Type
□ P-PCB Type (180)
□ R-PCB Type (90)

Mating Style
□ S - Screw
□ P - Push Pull

Style
□ P-Plug
(For Molding and Assembly)
□ S -Socket
(For Panel)

Back Shell
□ L - Straight (For Molding and Assembly)
□ R - Right Angle (For Molding and Assembly)
□ C - Circular (For Panel)
□ S - Square (For Panel)
□ F - Front Hexagonal (For Panel)
□ H - Rear Hexagonal (For Panel)
□ W - Front Circular (For Panel)
□ N - Rear Circular (For Panel)

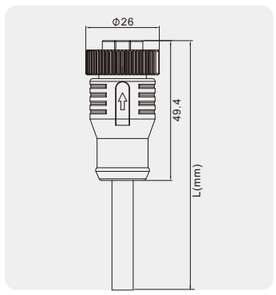
For example：

1. 7/8—16UN" female plug 5Pin：PM-MC-05P-FF-SL8A01-00A(H)

Details: Plastic covered at the end of wire, 7/8—16UN", 5Pin, female socket female Pin, thread locked, straight head, IP68, PVC black kacket.

7/8 " —16UN Female Overmolded with Cable Plug,Single end, Unshielded,Straight.



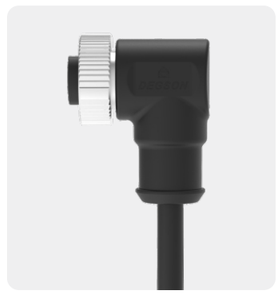


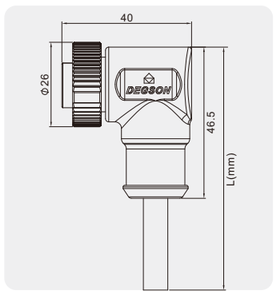
Technical Data

Series	7/8 " —16UN Female, Straight	Contact carriers material	PA
Number of Pins	03,04,05 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	13A max.	Metal of nut	Copper Alloy with Nickel Plated
Rated voltage	300V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Unshielded
Ambient temperature	- 25~ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—
—	—	—	—

Number of Pins		03 Pin	04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded
	Front View			
Rated current	A.	13A	13A	9A
Rated voltage	V.	300V	300V	300V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²
		PE.GN/YE 2.BN 3.BU	1.BK 2.BU 3.BN 4.WH	1.BK 2.BU PE.GN/YE 4.BN 5.WH
Description		Order NO .	Order NO .	Order NO .
PVC	1m	PM-MC-03P-FF-SL8A01-00A(H)	PM-MC-04P-FF-SL8A01-00A(H)	PM-MC-05P-FF-SL8A01-00A(H)
	3m	PM-MC-03P-FF-SL8A03-00A(H)	PM-MC-04P-FF-SL8A03-00A(H)	PM-MC-05P-FF-SL8A03-00A(H)
	5m	PM-MC-03P-FF-SL8A05-00A(H)	PM-MC-04P-FF-SL8A05-00A(H)	PM-MC-05P-FF-SL8A05-00A(H)
	Customized	……	……	……
PUR	1m	PM-MC-03P-FF-SL8B01-00A(H)	PM-MC-04P-FF-SL8B01-00A(H)	PM-MC-05P-FF-SL8B01-00A(H)
	3m	PM-MC-03P-FF-SL8B03-00A(H)	PM-MC-04P-FF-SL8B03-00A(H)	PM-MC-05P-FF-SL8B03-00A(H)
	5m	PM-MC-03P-FF-SL8B05-00A(H)	PM-MC-04P-FF-SL8B05-00A(H)	PM-MC-05P-FF-SL8B05-00A(H)
	Customized	……	……	……

7/8 " —16UN Female Overmolded with Cable Plug,Single end, Unshielded,Angled.



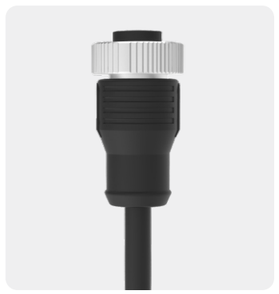


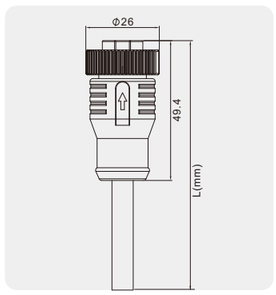
Technical Data

Series	7/8 " —16UN Female, Angled	Contact carriers material	PA
Number of Pins	03,04,05 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	13A max.	Metal of nut	Copper Alloy with Nickel Plated
Rated voltage	300V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Unshielded
Ambient temperature	- 25~ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—
—	—	—	—

Number of Pins		03 Pin	04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded
	Front View			
Rated current	A.	13A	13A	9A
Rated voltage	V.	300V	300V	300V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²
	Wiring list	PE.GN/YE 2.BN 3.BU	1.BK 2.BU 3.BN 4.WH	1.BK 2.BU PE.GN/YE 4.BN 5.WH
Description		Order NO .	Order NO .	Order NO .
PVC	1m	PM-MC-03P-FF-SR8A01-00A(H)	PM-MC-04P-FF-SR8A01-00A(H)	PM-MC-05P-FF-SR8A01-00A(H)
	3m	PM-MC-03P-FF-SR8A03-00A(H)	PM-MC-04P-FF-SR8A03-00A(H)	PM-MC-05P-FF-SR8A03-00A(H)
	5m	PM-MC-03P-FF-SR8A05-00A(H)	PM-MC-04P-FF-SR8A05-00A(H)	PM-MC-05P-FF-SR8A05-00A(H)
	Customized	……	……	……
PUR	1m	PM-MC-03P-FF-SR8B01-00A(H)	PM-MC-04P-FF-SR8B01-00A(H)	PM-MC-05P-FF-SR8B01-00A(H)
	3m	PM-MC-03P-FF-SR8B03-00A(H)	PM-MC-04P-FF-SR8B03-00A(H)	PM-MC-05P-FF-SR8B03-00A(H)
	5m	PM-MC-03P-FF-SR8B05-00A(H)	PM-MC-04P-FF-SR8B05-00A(H)	PM-MC-05P-FF-SR8B05-00A(H)
	Customized	……	……	……

7/8 " —16UN Female Overmolded with Cable Plug,Single end, Shielded,Straight.



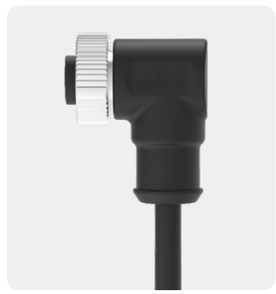


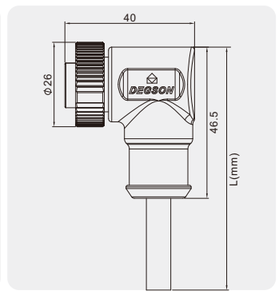
Technical Data

Series	7/8 " —16UN Female, Straight	Contact carriers material	PA
Number of Pins	03,04,05 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	13A max.	Metal of nut	Copper Alloy with Nickel Plated
Rated voltage	300V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Shielded
Ambient temperature	- 25～ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—
—	—	—	—

Number of Pins		03 Pin	04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded
	Front View			
Rated current	A.	13A	13A	9A
Rated voltage	V.	300V	300V	300V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²
	Wiring list	PE.GN/YE 2.BN 3.BU	1.BK 2.BU 3.BN 4.WH	1.BK 2.BU PE.GN/YE 4.BN 5.WH
Description		Order NO .	Order NO .	Order NO .
PVC	1m	PMSH-MC-03P-FF-SL8A01-00A(H)	PMSH-MC-04P-FF-SL8A01-00A(H)	PMSH-MC-05P-FF-SL8A01-00A(H)
	3m	PMSH-MC-03P-FF-SL8A03-00A(H)	PMSH-MC-04P-FF-SL8A03-00A(H)	PMSH-MC-05P-FF-SL8A03-00A(H)
	5m	PMSH-MC-03P-FF-SL8A05-00A(H)	PMSH-MC-04P-FF-SL8A05-00A(H)	PMSH-MC-05P-FF-SL8A05-00A(H)
	Customized	……	……	……
PUR	1m	PMSH-MC-03P-FF-SL8B01-00A(H)	PMSH-MC-04P-FF-SL8B01-00A(H)	PMSH-MC-05P-FF-SL8B01-00A(H)
	3m	PMSH-MC-03P-FF-SL8B03-00A(H)	PMSH-MC-04P-FF-SL8B03-00A(H)	PMSH-MC-05P-FF-SL8B03-00A(H)
	5m	PMSH-MC-03P-FF-SL8B05-00A(H)	PMSH-MC-04P-FF-SL8B05-00A(H)	PMSH-MC-05P-FF-SL8B05-00A(H)
	Customized	……	……	……

7/8 " —16UN Female Overmolded with Cable Plug,Single end, Shielded,Angled.





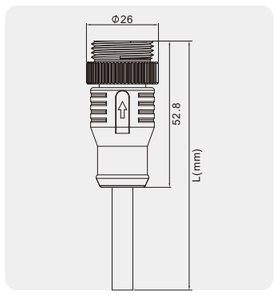
Technical Data

Series	7/8 " —16UN Female, Angled	Contact carriers material	PA
Number of Pins	03,04,05 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	13A max.	Metal of nut	Copper Alloy with Nickel Plated
Rated voltage	300V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Shielded
Ambient temperature	- 25～ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—
—	—	—	—

Number of Pins		03 Pin	04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded
	Front View			
Rated current	A.	13A	13A	9A
Rated voltage	V.	300V	300V	300V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²
	Wiring list	PE.GN/YE 2.BN 3.BU	1.BK 2.BU 3.BN 4.WH	1.BK 2.BU PE.GN/YE 4.BN 5.WH
Description		Order NO .	Order NO .	Order NO .
PVC	1m	PMSH-MC-03P-FF-SR8A01-00A(H)	PMSH-MC-04P-FF-SR8A01-00A(H)	PMSH-MC-05P-FF-SR8A01-00A(H)
	3m	PMSH-MC-03P-FF-SR8A03-00A(H)	PMSH-MC-04P-FF-SR8A03-00A(H)	PMSH-MC-05P-FF-SR8A03-00A(H)
	5m	PMSH-MC-03P-FF-SR8A05-00A(H)	PMSH-MC-04P-FF-SR8A05-00A(H)	PMSH-MC-05P-FF-SR8A05-00A(H)
	Customized	……	……	……
PUR	1m	PMSH-MC-03P-FF-SR8B01-00A(H)	PMSH-MC-04P-FF-SR8B01-00A(H)	PMSH-MC-05P-FF-SR8B01-00A(H)
	3m	PMSH-MC-03P-FF-SR8B03-00A(H)	PMSH-MC-04P-FF-SR8B03-00A(H)	PMSH-MC-05P-FF-SR8B03-00A(H)
	5m	PMSH-MC-03P-FF-SR8B05-00A(H)	PMSH-MC-04P-FF-SR8B05-00A(H)	PMSH-MC-05P-FF-SR8B05-00A(H)
	Customized	……	……	……

7/8 " —16UN Male Overmolded with Cable Plug,Single end, Unshielded,Straight.



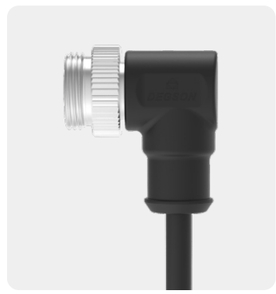


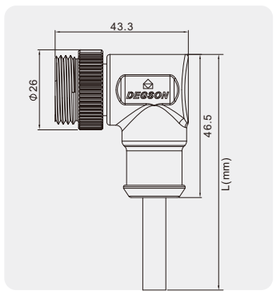
Technical Data

Series	7/8 " —16UN Male, Straight	Contact carriers material	PA
Number of Pins	03,04,05 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	13A max.	Metal of nut	Copper Alloy with Nickel Plated
Rated voltage	300V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Unshielded
Ambient temperature	- 25~ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—
—	—	—	—

Number of Pins		03 Pin	04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded
	Front View			
Rated current	A.	13A	13A	9A
Rated voltage	V.	300V	300V	300V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²
		PE.GN/YE 2.BN 3.BU	1.BK 2.BU 3.BN 4.WH	1.BK 2.BU PE.GN/YE 4.BN 5.WH
Description		Order NO .	Order NO .	Order NO .
PVC	1m	PM-MC-03P-MM-SL8A01-00A(H)	PM-MC-04P-MM-SL8A01-00A(H)	PM-MC-05P-MM-SL8A01-00A(H)
	3m	PM-MC-03P-MM-SL8A03-00A(H)	PM-MC-04P-MM-SL8A03-00A(H)	PM-MC-05P-MM-SL8A03-00A(H)
	5m	PM-MC-03P-MM-SL8A05-00A(H)	PM-MC-04P-MM-SL8A05-00A(H)	PM-MC-05P-MM-SL8A05-00A(H)
	Customized	.....	.....	.....
PUR	1m	PM-MC-03P-MM-SL8B01-00A(H)	PM-MC-04P-M-SL8B01-00A(H)	PM-MC-05P-MM-SL8B01-00A(H)
	3m	PM-MC-03P-MM-SL8B03-00A(H)	PM-MC-04P-MM-SL8B03-00A(H)	PM-MC-05P-MM-SL8B03-00A(H)
	5m	PM-MC-03P-MM-SL8B05-00A(H)	PM-MC-04P-MM-SL8B05-00A(H)	PM-MC-05P-MM-SL8B05-00A(H)
	Customized	.....	.....	.....

7/8 " —16UN Male Overmolded with Cable Plug,Single end, Unshielded,Angled.





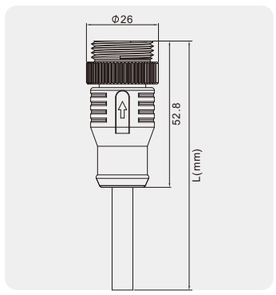
Technical Data

Series	7/8 " —16UN Male, Angled	Contact carriers material	PA
Number of Pins	03,04,05 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	13A max.	Metal of nut	Copper Alloy with Nickel Plated
Rated voltage	300V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Unshielded
Ambient temperature	- 25~ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—
—	—	—	—

Number of Pins		03 Pin	04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded
	Front View			
Rated current	A.	13A	13A	9A
Rated voltage	V.	300V	300V	300V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²
	Wiring list	PE.GN/YE 2.BN 3.BU	1.BK 2.BU 3.BN 4.WH	1.BK 2.BU PE.GN/YE 4.BN 5.WH
Description		Order NO .	Order NO .	Order NO .
PVC	1m	PM-MC-03P-MM-SR8A01-00A(H)	PM-MC-04P-MM-SR8A01-00A(H)	PM-MC-05P-MM-SR8A01-00A(H)
	3m	PM-MC-03P-MM-SR8A03-00A(H)	PM-MC-04P-MM-SR8A03-00A(H)	PM-MC-05P-MM-SR8A03-00A(H)
	5m	PM-MC-03P-MM-SR8A05-00A(H)	PM-MC-04P-MM-SR8A05-00A(H)	PM-MC-05P-MM-SR8A05-00A(H)
	Customized	.....	.....	.....
PUR	1m	PM-MC-03P-MM-SR8B01-00A(H)	PM-MC-04P-MM-SR8B01-00A(H)	PM-MC-05P-MM-SR8B01-00A(H)
	3m	PM-MC-03P-MM-SR8B03-00A(H)	PM-MC-04P-MM-SR8B03-00A(H)	PM-MC-05P-MM-SR8B03-00A(H)
	5m	PM-MC-03P-MM-SR8B05-00A(H)	PM-MC-04P-MM-SR8B05-00A(H)	PM-MC-05P-MM-SR8B05-00A(H)
	Customized	.....	.....	.....

7/8 " —16UN Male Overmolded with Cable Plug,Single end, Shielded,Straight.





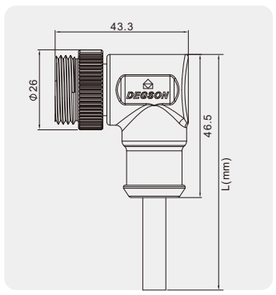
Technical Data

Series	7/8 " —16UN Male, Straight	Contact carriers material	PA
Number of Pins	03,04,05 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	13A max.	Metal of nut	Copper Alloy with Nickel Plated
Rated voltage	300V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Shielded
Ambient temperature	- 25~ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—
—	—	—	—

Number of Pins		03 Pin	04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded
	Front View			
Rated current	A.	13A	13A	9A
Rated voltage	V.	300V	300V	300V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²
	Wiring list	PE.GN/YE 2.BN 3.BU	1.BK 2.BU 3.BN 4.WH	1.BK 2.BU PE.GN/YE 4.BN 5.WH
Description		Order NO .	Order NO .	Order NO .
PVC	1m	PMSH-MC-03P-MM-SL8A01-00A(H)	PMSH-MC-04P-MM-SL8A01-00A(H)	PMSH-MC-05P-MM-SL8A01-00A(H)
	3m	PMSH-MC-03P-MM-SL8A03-00A(H)	PMSH-MC-04P-MM-SL8A03-00A(H)	PMSH-MC-05P-MM-SL8A03-00A(H)
	5m	PMSH-MC-03P-MM-SL8A05-00A(H)	PMSH-MC-04P-MM-SL8A05-00A(H)	PMSH-MC-05P-MM-SL8A05-00A(H)
	Customized	……	……	……
PUR	1m	PMSH-MC-03P-MM-SL8B01-00A(H)	PMSH-MC-04P-MM-SL8B01-00A(H)	PMSH-MC-05P-MM-SL8B01-00A(H)
	3m	PMSH-MC-03P-MM-SL8B03-00A(H)	PMSH-MC-04P-MM-SL8B03-00A(H)	PMSH-MC-05P-MM-SL8B03-00A(H)
	5m	PMSH-MC-03P-MM-SL8B05-00A(H)	PMSH-MC-04P-MM-SL8B05-00A(H)	PMSH-MC-05P-MM-SL8B05-00A(H)
	Customized	……	……	……

7/8 " —16UN Male Overmolded with Cable Plug,Single end, Shielded,Angled.





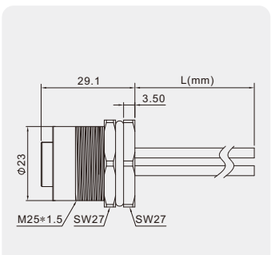
Technical Data

Series	7/8 " —16UN Male, Angled	Contact carriers material	PA
Number of Pins	03,04,05 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	13A max.	Metal of nut	Copper Alloy with Nickel Plated
Rated voltage	300V max.	Seal	Silicone
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Shielded
Ambient temperature	- 25~ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—
—	—	—	—

Number of Pins		03 Pin	04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded
	Front View			
Rated current	A.	13A	13A	9A
Rated voltage	V.	300V	300V	300V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²
	Wiring list	PE.GN/YE 2.BN 3.BU	1.BK 2.BU 3.BN 4.WH	1.BK 2.BU PE.GN/YE 4.BN 5.WH
Description		Order NO .	Order NO .	Order NO .
PVC	1m	PMSH-MC-03P-MM-SR8A01-00A(H)	PMSH-MC-04P-MM-SR8A01-00A(H)	PMSH-MC-05P-MM-SR8A01-00A(H)
	3m	PMSH-MC-03P-MM-SR8A03-00A(H)	PMSH-MC-04P-MM-SR8A03-00A(H)	PMSH-MC-05P-MM-SR8A03-00A(H)
	5m	PMSH-MC-03P-MM-SR8A05-00A(H)	PMSH-MC-04P-MM-SR8A05-00A(H)	PMSH-MC-05P-MM-SR8A05-00A(H)
	Customized	……	……	……
PUR	1m	PMSH-MC-03P-MM-SR8B01-00A(H)	PMSH-MC-04P-MM-SR8B01-00A(H)	PMSH-MC-05P-MM-SR8B01-00A(H)
	3m	PMSH-MC-03P-MM-SR8B03-00A(H)	PMSH-MC-04P-MM-SR8B03-00A(H)	PMSH-MC-05P-MM-SR8B03-00A(H)
	5m	PMSH-MC-03P-MM-SR8B05-00A(H)	PMSH-MC-04P-MM-SR8B05-00A(H)	PMSH-MC-05P-MM-SR8B05-00A(H)
	Customized	……	……	……

7/8 " —16UN Female Panel Mount Receptacle ,Rear Mounting,with 0.5m wires.





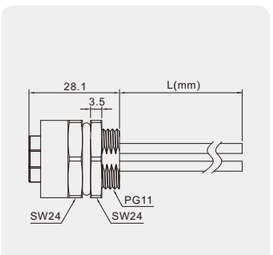
Technical Data

Series	7/8 " —16UN Female	Contact carriers material	PA
Number of Pins	03,04,05 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	13A max.	Metal of nut	Copper Alloy with Nickel Plated
Rated voltage	300V max.	Seal	NBR
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Unshielded
Ambient temperature	- 25~ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—
—	—	—	—

Number of Pins		03 Pin	04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded
	Front View			
Rated current	A.	13A	13A	9A
Rated voltage	V.	300V	300V	300V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²
	Wiring list	PE.GN/YE 2.BN 3.BU	1.BK 2.BU 3.BN 4.WH	1.BK 2.BU PE.GN/YE 4.BN 5.WH
Description		Order NO .	Order NO .	Order NO .
M25*1.5	0.5m	SD-MC-03P-FF-SF8C50-00A(H)	SD-MC-04P-FF-SF8C50-00A(H)	SD-MC-05P-FF-SF8C50-00A(H)
	Customized	……	……	……

7/8 " —16UN Female Panel Mount Receptacle ,Front Mounting,with 0.5m wires.





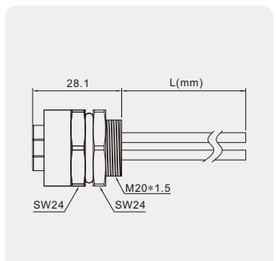
Technical Data

Series	7/8 " —16UN Female	Contact carriers material	PA
Number of Pins	03,04,05 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	13A max.	Metal of nut	Copper Alloy with Nickel Plated
Rated voltage	300V max.	Seal	NBR
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Unshielded
Ambient temperature	- 25~ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—
—	—	—	—

Number of Pins		03 Pin	04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded
	Front View			
Rated current	A.	13A	13A	9A
Rated voltage	V.	300V	300V	300V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²
	Wiring list	PE.GN/YE 2.BN 3.BU	1.BK 2.BU 3.BN 4.WH	1.BK 2.BU PE.GN/YE 4.BN 5.WH
Description		Order NO .	Order NO .	Order NO .
PG11	0.5m	SD-MC-03P-FF-SH8A50-00A(H)	SD-MC-04P-FF-SH8A50-00A(H)	SD-MC-05P-FF-SH8A50-00A(H)
	Customized	……	……	……

7/8 " —16UN Female Panel Mount Receptacle ,Front Mounting,with 0.5m wires.





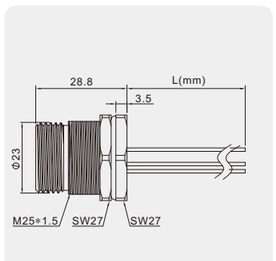
Technical Data

Series	7/8 " —16UN Female	Contact carriers material	PA
Number of Pins	03,04,05 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	13A max.	Metal of nut	Copper Alloy with Nickel Plated
Rated voltage	300V max.	Seal	NBR
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Unshielded
Ambient temperature	- 25~ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—
—	—	—	—

Number of Pins		03 Pin	04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded
	Front View	PE 3 2	4 1 3 2	5 1 4 2 PE
Rated current	A.	13A	13A	9A
Rated voltage	V.	300V	300V	300V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²
	Wiring list	PE.GN/YE 2.BN 3.BU	1.BK 2.BU 3.BN 4.WH	1.BK 2.BU PE.GN/YE 4.BN 5.WH
Description		Order NO .	Order NO .	Order NO .
M20*1.5	0.5m	SD-MC-03P-FF-SH8B50-00A(H)	SD-MC-04P-FF-SH8B50-00A(H)	SD-MC-05P-FF-SH8B50-00A(H)
	Customized	.....	.....	.....

7/8 " —16UN Male Panel Mount Receptacle ,Rear Mounting,with 0.5m wires.





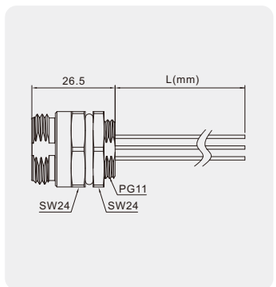
Technical Data

Series	7/8 " —16UN Male	Contact carriers material	PA
Number of Pins	03,04,05 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	13A max.	Metal of nut	Copper Alloy with Nickel Plated
Rated voltage	300V max.	Seal	NBR
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Unshielded
Ambient temperature	- 25~ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—
—	—	—	—

Number of Pins		03 Pin	04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded
	Front View	PE 3 2	4 1 3 2	5 1 4 2 PE
Rated current	A.	13A	13A	9A
Rated voltage	V.	300V	300V	300V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²
	Wiring list	PE.GN/YE 2.BN 3.BU	1.BK 2.BU 3.BN 4.WH	1.BK 2.BU PE.GN/YE 4.BN 5.WH
Description		Order NO .	Order NO .	Order NO .
M25*1.5	0.5m	SD-MC-03P-MM-SF8C50-00A(H)	SD-MC-04P-MM-SF8C50-00A(H)	SD-MC-05P-MM-SF8C50-00A(H)
	Customized	.....	.....	.....

7/8 " —16UN Male Panel Mount Receptacle ,Front Mounting,with 0.5m wires.





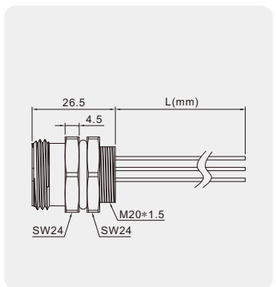
Technical Data

Series	7/8 " —16UN Male	Contact carriers material	PA
Number of Pins	03,04,05 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	13A max.	Metal of nut	Copper Alloy with Nickel Plated
Rated voltage	300V max.	Seal	NBR
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Unshielded
Ambient temperature	- 25~ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—
—	—	—	—

Number of Pins		03 Pin	04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded
	Front View			
Rated current	A.	13A	13A	9A
Rated voltage	V.	300V	300V	300V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²
	Wiring list	PE.GN/YE 2.BN 3.BU	1.BK 2.BU 3.BN 4.WH	1.BK 2.BU PE.GN/YE 4.BN 5.WH
Description		Order NO .	Order NO .	Order NO .
PG11	0.5m	SD-MC-03P-MM-SH8A50-00A(H)	SD-MC-04P-MM-SH8A50-00A(H)	SD-MC-05P-MM-SH8A50-00A(H)
	Customized	.....	.....	.....

7/8 " —16UN Male Panel Mount Receptacle ,Front Mounting,with 0.5m wires.





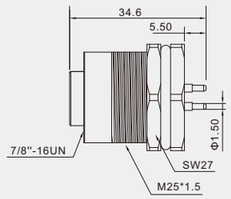
Technical Data

Series	7/8 " —16UN Male	Contact carriers material	PA
Number of Pins	03,04,05 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	13A max.	Metal of nut	Copper Alloy with Nickel Plated
Rated voltage	300V max.	Seal	NBR
Insulation resistance	≥100MΩ	Cable jacket material	PUR / PVC
Contact resistance	≤5mΩ	Shielding	Unshielded
Ambient temperature	- 25~ + 80℃	Mechanical life	> 100 mating cycles
IP Class	IP68	—	—
—	—	—	—

Number of Pins		03 Pin	04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded
	Front View			
Rated current	A.	13A	13A	9A
Rated voltage	V.	300V	300V	300V
Wire/Cable	Wire gauge	16AWG	16AWG	16AWG
	Cross section	1.5mm²	1.5mm²	1.5mm²
	Wiring list	PE.GN/YE 2.BN 3.BU	1.BK 2.BU 3.BN 4.WH	1.BK 2.BU PE.GN/YE 4.BN 5.WH
Description		Order NO .	Order NO .	Order NO .
M20*1.5	0.5m	SD-MC-03P-MM-SH8B50-00A(H)	SD-MC-04P-MM-SH8B50-00A(H)	SD-MC-05P-MM-SH8B50-00A(H)
	Customized	.....	.....	.....

7/8 " —16UN Female Panel Mount Receptacle ,Front Mounting,Unshielded,PCB Soldering.



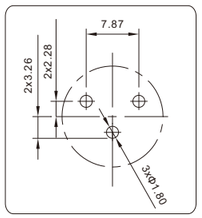


Technical Data

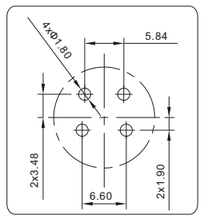
Series	7/8 " —16UN Male	Contact carriers material	PA
Number of Pins	03,04,05 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	13A max.	Metal of nut	Copper Alloy with Nickel Plated
Rated voltage	600V max.	Seal	NBR
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25~ +85℃	—	—
IP Class	IP68	—	—
—	—	—	—

Number of Pins		03 Pin	04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded
	Front View			
Rated current	A.	13A	13A	9A
Rated voltage	V.	600V	600V	600V
Description		Order NO .	Order NO .	Order NO .
M25*1.5	0.5m	SP-MC-03P-FF-SF8003-00A(H)	SP-MC-04P-FF-SF8003-00A(H)	SP-MC-05P-FF-SF8003-00A(H)
	Customized	.....	.....	.....

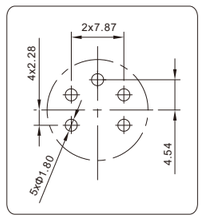
Dimension Figure



PCB Layout



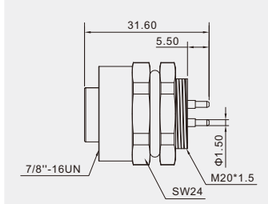
PCB Layout



PCB Layout

7/8 " —16UN Female Panel Mount Receptacle ,Rear Mounting,Unshielded, PCB Soldering.



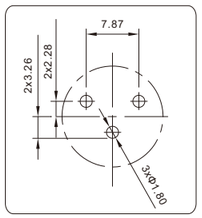


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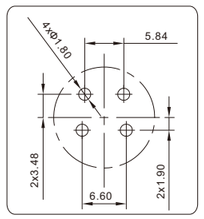
Series	7/8 " —16UN Male	Contact carriers material	PA
Number of Pins	03,04,05 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	13A max.	Metal of nut	Copper Alloy with Nickel Plated
Rated voltage	600V max.	Seal	NBR
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25~ +85℃	—	—
IP Class	IP68	—	—
—	—	—	—

Number of Pins		03 Pin	04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded
	Front View			
Rated current	A.	13A	13A	9A
Rated voltage	V.	600V	600V	600V
Description		Order NO .	Order NO .	Order NO .
M25*1.5	0.5m	SP-MC-03P-FF-SF8002-00A(H)	SP-MC-04P-FF-SF8002-00A(H)	SP-MC-05P-FF-SF8002-00A(H)
	Customized	.....	.....	.....

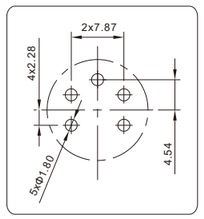
Dimension Figure



PCB Layout



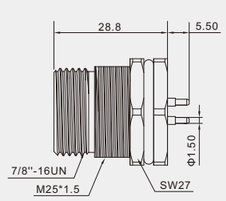
PCB Layout



PCB Layout

7/8 " —16UN Male Panel Mount Receptacle,Front Mounting,Unshielded, PCB Soldering.



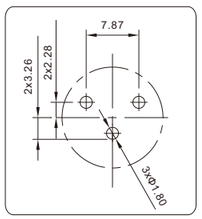


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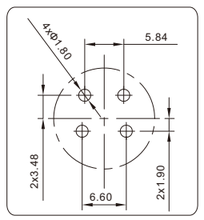
Series	7/8 " —16UN Male	Contact carriers material	PA
Number of Pins	03,04,05 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	13A max.	Metal of nut	Copper Alloy with Nickel Plated
Rated voltage	600V max.	Seal	NBR
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25~ +85℃	—	—
IP Class	IP68	—	—
—	—	—	—

Number of Pins		03 Pin	04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded
	Front View			
Rated current	A.	13A	13A	9A
Rated voltage	V.	600V	600V	600V
Description		Order NO .	Order NO .	Order NO .
M25*1.5	0.5m	SP-MC-03P-MM-SF8003-00A(H)	SP-MC-04P-MM-SF8003-00A(H)	SP-MC-05P-MM-SF8003-00A(H)
	Customized	.....	.....	.....

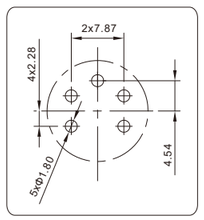
Dimension Figure



PCB Layout



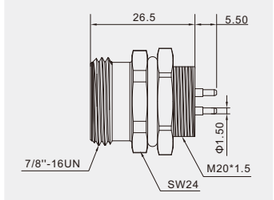
PCB Layout



PCB Layout

7/8 " —16UN Male Panel Mount Receptacle,Rear Mounting,Unshielded, PCB Soldering.



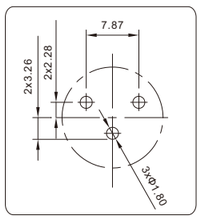


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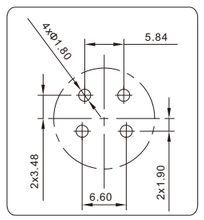
Series	7/8 " —16UN Male	Contact carriers material	PA
Number of Pins	03,04,05 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	13A max.	Metal of nut	Copper Alloy with Nickel Plated
Rated voltage	600V max.	Seal	NBR
Insulation resistance	≥100MΩ	Shielding	Unshielded
Contact resistance	≤5mΩ	Mechanical life	> 100 mating cycles
Ambient temperature	- 25~ +85℃	—	—
IP Class	IP68	—	—
—	—	—	—

Number of Pins		03 Pin	04 Pin	05 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded
	Front View			
Rated current	A.	13A	13A	9A
Rated voltage	V.	600V	600V	600V
Description		Order NO .	Order NO .	Order NO .
M25*1.5	0.5m	SP-MC-03P-MM-SF8002-00A(H)	SP-MC-04P-MM-SF8002-00A(H)	SP-MC-05P-MM-SF8002-00A(H)
	Customized	.....	.....	.....

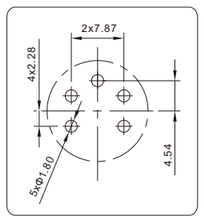
Dimension Figure



PCB Layout



PCB Layout



PCB Layout



Advantages / Features

- Special connector for servo motor.
- High waterproof class IP67.
- Suitable for high temperature and high frequency vibration environments.
- Quick and easy to assemble, selfcontained grounding function can be freely choosed.
- The servo motor is upgraded to replace.

Servo Connector Part Number

Servo Connector Part Number Reference

DGFA □□ – □□ – □□ A (H)

Number of Contacts
- □ 2S - 2 Pin (Brake)
- □ 4S - 4 Pin (Power)
- □ 9S - 9 Pin (Encoder)

Special coding
00-Standards
01 ~ 99-Extended products

Product Style
Servo connector

Style
- □ A1 - Socket
- □ B1 - Plug

Servo Connector Crimp contact Part Number Reference

DGFA – □□ A (H)

Crimp contact
- □ 00 - Female Pin (Brake & Power Plug)
- □ 01 - Male Pin (Encoder Socket)
- □ 02 - Female Pin (Encoder Plug)

Product Style
Servo connector

For example:
1. DGFA2S-A1-00A(H)
Details: 2 Pin(Brake) Servo connector socket .
Servo connector all specifications waterproof rating defaults to IP67.

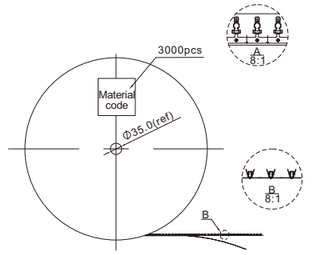
2 Pin Servo connector.



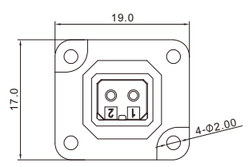


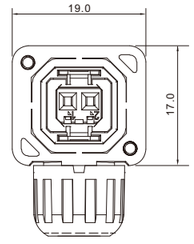
Technical Data

Series	Servo connector	Contact carriers material	PA , PBT
Number of Pins	2 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	7A	Seal	Silicone
Rated voltage	250V	Mechanical life	> 100 mating cycles
Insulation resistance	> 100MΩ	—	—
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 20 ~ + 105℃	—	—
IP Class	IP67	—	—

Order NO .	DGFA2S-A1-00A(H)	DGFA2S-B1-00A(H)	DGFA-00A(H)
Front View			

Dimension Figure





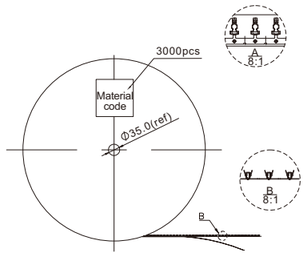
4 Pin Servo connector.



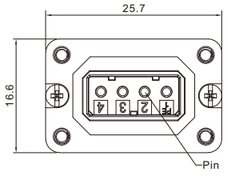


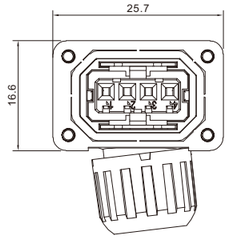
Technical Data

Series	Servo connector	Contact carriers material	PA , PBT
Number of Pins	4 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	7A	Seal	Silicone
Rated voltage	250V	Mechanical life	> 100 mating cycles
Insulation resistance	> 100MΩ	—	—
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 20～ + 105℃	—	—
IP Class	IP67	—	—

Order NO .	DGFA4S-A2-00A(H)	DGFA4S-B1-00A(H)	DGFA-00A(H)
Front View			

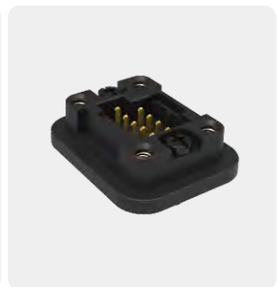
Dimension Figure





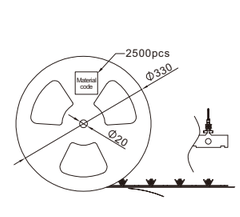
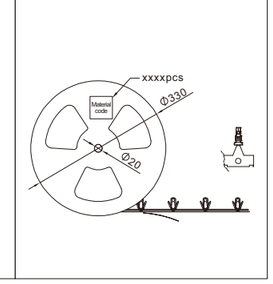
9 Pin Servo connector.



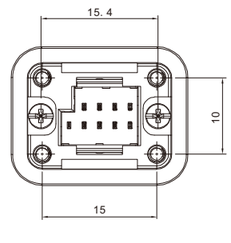


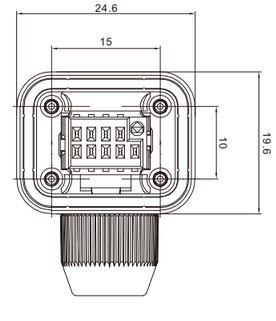
Technical Data

Series	Servo connector	Contact carriers material	PA
Number of Pins	9 Pin	Contact material	Copper Alloy, Gold-plated
Rated Current	1A	Seal	Silicone
Rated voltage	10V	Mechanical life	> 100 mating cycles
Insulation resistance	> 100MΩ	—	—
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 20～ + 105℃	—	—
IP Class	IP67	—	—

Order NO .	DGFA9S-A1-00A(H)	DGFA-01A(H)	DGFA9S-B1-00A(H)	DGFA-02A(H)
Front View				

Dimension Figure







Advantages / Features

- Single-line input,multi-line output.
- Cost saving, easy installation.
- Waterproof rating: IP67/684.
- Widely used in industrial automation, rail transit and other industries.

The coding rule of M12,M8 distributor

F □□ – □□ – □□ – □□ – □□ – □□ – □ – □ □ □

Output terminal type
- □ M8A – M8 series A-Coding
- □ M8B – M8 series B-Coding
- □ M12A –M12 series A-Coding
- □ M12B –M12 series B-Coding
- □ M12D –M12 series D-Coding

Serial Number
- □ Form structure code
  0 – With mounting holes
  1 – Without mounting holes
- □ Internal connection method
  0 – Crimp type
  1 – PCB board type
  2 – Welding type
- □□ Color Code
  □ 0 – Black
  1 – Green
  2 – Transparent
  3 – White
  …
- □ Alternate flow code
  0 – General Standard Code Direction
  1 – Code Other angles are available

Connector Style
- □ — Male Connector
- □ F- Female Connector

Number of Positions
- □ 03,04,05,06,08,10,12,17...Pin

Input terminal type
- □ M8A – M8 series A-Coding
- □ M8B – M8 series B-Coding
- □ M12A –M12 series A-Coding
- □ M12B –M12 series B-Coding
- □ M12D –M12 series D-Coding

Number of Contacts
- □ 03,04,05,06,08,10,12,17...Pin

Connector Style
- □ — Male Connector
- □ F- Female Connector

Positions number code
- □ If the number of cores at outputs 1 and 2 is the same, it can be omitted
- □ If the number of cores at outputs 1 and 2 are different and the difference code cannot be specified, the number of cores should be written out

With or without Shielded
- □ SH – Shielded
- □ BLANK – Unshielded

Differential code
- □ W – One input and one output
- □ T – 2 No. 2 and No. 1 outputs are of the same type and have the same number of cores
- □ Q –
  FY series No. 2 and No. 1 output type is different, specifically No. 2 output is M12 male
  FT series No. 2 and No. 1 output terminal type is the same, specifically refers to the No. 2 output terminal is M12 female
- □ V –No. 2 and No. 1 output type is different, specifically means that the No. 2 output is M8 male
- □ K –No. 2 is different from No. 1 output type, specifically No. 2 output is M12 female
- □ S –No. 2 is different from No. 1 output type, specifically No. 2 output is M8 female

Product tyle
- □ Y – Y type
- □ T – T type
- □ J – I type
- □ L – L type

Style
- □ F – Distributor

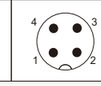
For example：
1.FY-M12A-05M-M12A-05F-Q4-0100
Stand for：Unshielded Y-distributor, Inputs are M12 series A-Code 5 pole male, Output No. 1 is M12 series A-Code 5-pole female terminal, Output No.2 is M12 Series A-Code 4 pole male, The internal connection is PCB type, there is a mounting hole, the color is black.

M12 T-type distributor,M12 A code FemaleX1M12 A code Male/FemaleX1.

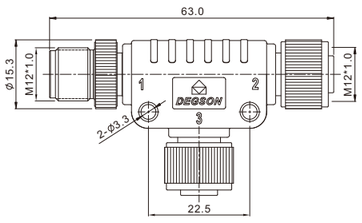


Technical Data

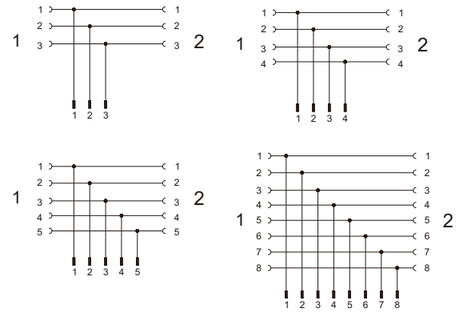
Standard	IEC 61076	Contact carriers material	PU
Series	M12	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,08 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	- 25~ + 80℃	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View	 	 	 	 
Rated current	A.	4A		4A	2A
Rated voltage	V.	250V		60V	30V
Description		Order NO .		Order NO .	Order NO .
—		FT-M12A-03F-M12A-03M-K3-0200	FT-M12A-04F-M12A-04M-K4-0200	FT-M12A-05F-M12A-05M-K5-0200	FT-M12A-08F-M12A-08M-K8-0200

Size



Circuit schematic

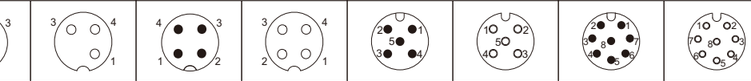


M12 T-type distributor,M12 A code MaleX1
M12 A code FemaleX2.

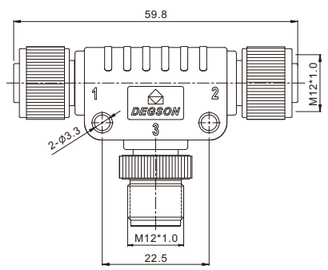


Technical Data

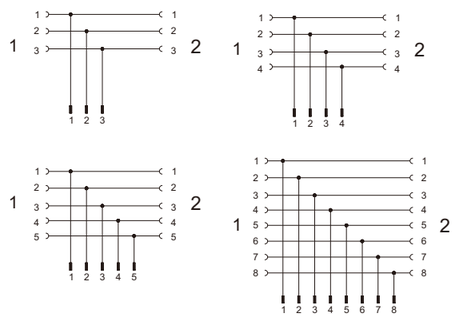
Standard	IEC 61076	Contact carriers material	PU
Series	M12	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,08 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	−25 ~ +80℃	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View				
Rated current	A.	4A		4A	2A
Rated voltage	V.	250V		60V	30V
Description		Order NO .		Order NO .	Order NO .
—		FT-M12A-03M-M12A-03F-Q-0200	FT-M12A-04M-M12A-04F-Q-0200	FT-M12A-05M-M12A-05F-Q-0200	FT-M12A-08M-M12A-08F-Q-0200

Size



Circuit schematic

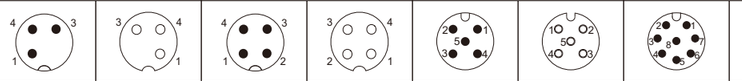


M12 T-type distributor,M12 A code FemaleX1
M12 A code MaleX2.

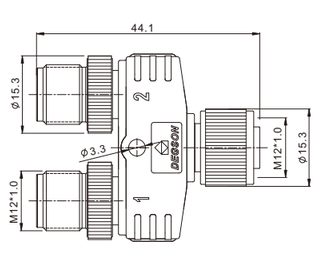


Technical Data

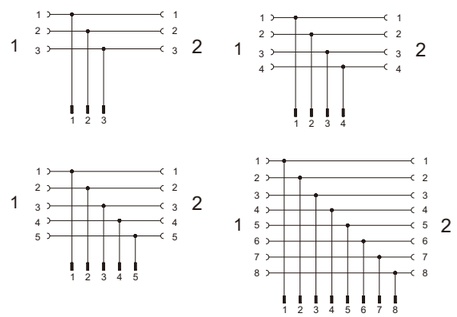
Standard	IEC 61076	Contact carriers material	PU
Series	M12	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,08 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	−25 ~ +80℃	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View				
Rated current	A.	4A		4A	2A
Rated voltage	V.	250V		60V	30V
Description		Order NO .		Order NO .	Order NO .
—		FY-M12A-03F-M12A-03M-T-0100	FY-M12A-04F-M12A-04M-T-0100	FY-M12A-05F-M12A-05M-T-0100	FY-M12A-08M-M12A-08F-T-0100

Size



Circuit schematic

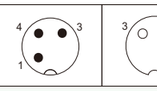
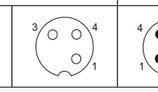
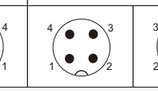
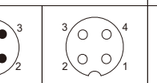
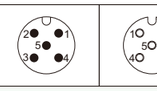
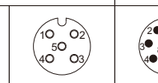
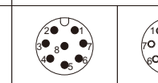
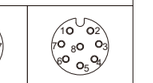


M12 Y-type distributor,M12 A code MaleX1 M12 A code FemaleX2.

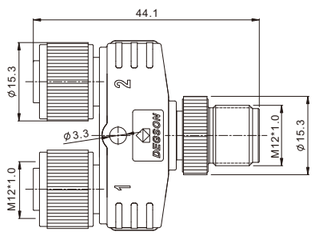


Technical Data

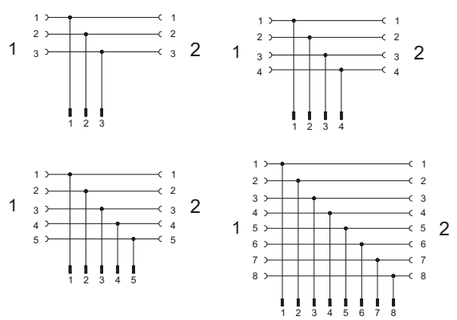
Standard	IEC 61076	Contact carriers material	PU
Series	M12	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04,05,08 Pin	Metal of nut	Zinc Alloy with Nickel Plated
Rated Current	4A max.	Seal	Silicone
Rated voltage	250V max.	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	−25 ~ +80℃	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin	04 Pin	05 Pin	08 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded	A-Coded
	Front View								
Rated current	A.	4A		4A	2A
Rated voltage	V.	250V		60V	30V
Description		Order NO .		Order NO .	Order NO .
—		FY-M12A-03F-M12A-03M-Q-0100	FY-M12A-04F-M12A-04M-Q-0100	FY-M12A-05F-M12A-05M-Q-0100	FY-M12A-08M-M12A-08F-Q-0100

Size



Circuit schematic

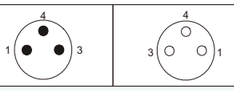
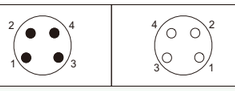
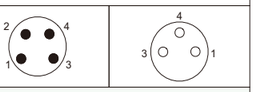


M8 Y-type distributor,M8 A code MaleX1 M8 A code FemaleX2.

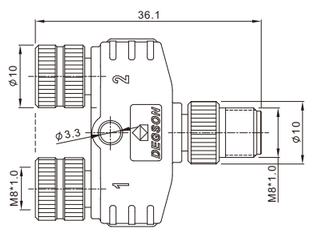


Technical Data

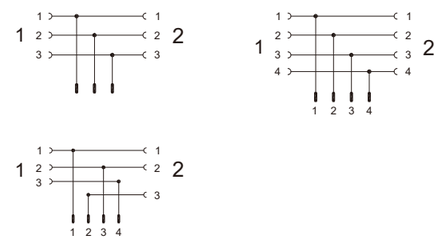
Standard	IEC 61076	Contact carriers material	PU
Series	M8	Contact material	Copper Alloy, Gold-plated
Number of Pins	03,04 Pin	Metal of nut	Copper Alloy with Nickel Plated
Rated Current	3A	Seal	Silicone
Rated voltage	60V	Shielding	Unshielded
Insulation resistance	≥100MΩ	Mechanical life	> 100 mating cycles
Contact resistance	≤5mΩ	—	—
Ambient temperature	−25 ~ +80℃	—	—
IP Class	IP68	—	—

Number of Pins		03 Pin	04 Pin	03，04 Pin
Coding	Coded	A-Coded	A-Coded	A-Coded
	Front View			
Rated current	A.	3A	3A	3A
Rated voltage	V.	60V	60V	60V
Description		Order NO .	Order NO .	Order NO .
—		FY-M8A-03M-M8A-03F-T-0100	FY-M8A-04M-M8A-04F-T-0100	FY-M8A-04M-M8A-03F-T-0100

Size



Circuit schematic



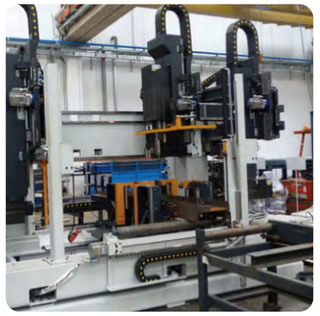
FIELD OF APPLICATION

DEGSON connectors are widely used in robot, industrial automation, CNC equipment, textile machinery, rail transit, monitor and control unit, energy, communicate and so on various equipments requiring electrical, date and signal connection.





Transportation technology



CNC equipment

Rail transit



Industrial automation





Energy



Robot

Monitor and control unit



Communicate



ENVIRONMENTAL POLICY

DEGSON realizes system regulation without lead in 2005 and has been granted ISO14001 in 2006. All the products conform to the European ROHS requirement.

DEGSON realizes the importance to protect environment resources, selfconsciously meets environment protection requirements for products and regardsit as the responsibility.

Thus, we have made the following environment strategic policy：

1.To meet customers'demands and obey the national and local laws and regulations as well as other environmental protection requirements.

2.Take environmental protection as one criterion for continuing development of our company. Insist on fully development of quality, benefit and environ mental protection.

3.Fully considering the factors which will influence the environment in the processes of product development, manufacturing, material usage and waste processing, establish management system of waste in order to improve the environment of our company.

4.To increase the employees' consciousness of environmental protection through training and to realize the continuing improvement of environment management system and the ability of environmental protection.

5.To make full use of resources and to decrease consumption of material in order to save energy.

6.To promise to our partners and society that we will make contribution to environment protection. There is only one Earth for our humanity.

7.To strive for making conservation-oriented and environment-friendly products through continuous innovation and developing new materials and technology.

RoHS COMPLIANT