

Panel Mount I-Adapter, Male-Female

M12 Circular Connector

Download date : 2025-12-06



Connector Series : M12
Gender : Male-Female
Coding : A,B,D
Locking Type : Fix Screw
Mounting Type : I-Splitter
Part No : M12-X**-ST2-M02-BF*
X:A,B,D Coding
**:03,04,05,08(Pin)
ST2:Full Shield
BF*:1=M16X1.5 2=PG9,...(OD*)



For reference only!version1.0

Technical Data

Standard	IEC61076
Ambient Temperatur	-25°C~+90°C
Insulation Resistance	≥100MΩ
Contact Resistance	≤10mΩ
IP Class	IP67
Mating Endurance	>100 Mating Cycles

Material Data

Connector Carriers	PA
Connector Contacts	Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw	Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring	FKM 氟橡胶
Shielding	Available 全屏蔽

Electrical Data & Mechanical Date

Contacts Pin	3/4Pins	5Pins	8Pins
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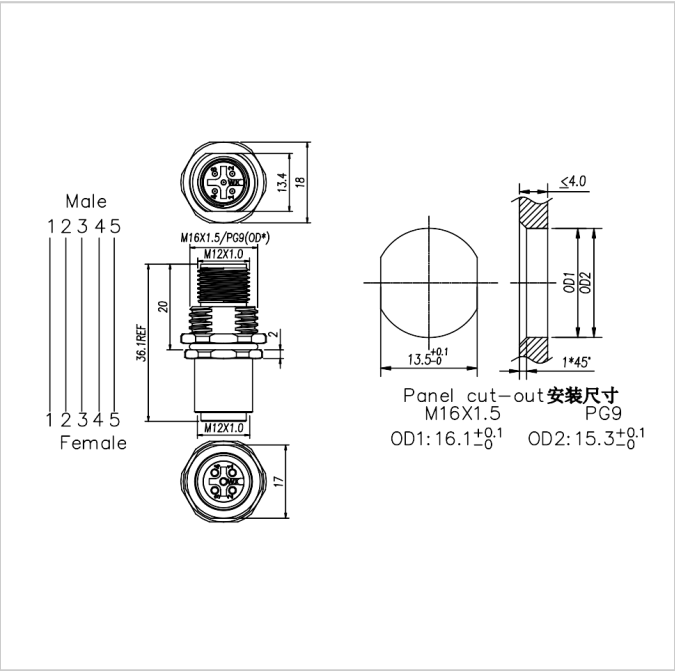
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Rated Current	4A	4A	2A
Voltage AC/DC	250V	60V	30V

Dimensions



Specification Selection Table

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Contacts Pin数	Available Coding 防插错编码			Rated Current 额定电流	Voltage 电压		Part NO.产品编号
	A-Coding	B-Coding	D-Coding		AC	DC	
03Pins				4A	250V	250V	M12-A03-ST2-M02-BF* M12-B03-ST2-M02-BF*
	Male	Male					
							
	Female	Female					
04Pins				4A	250V	250V	M12-A04-ST2-M02-BF* M12-B04-ST2-M02-BF* M12-D04-ST2-M02-BF*
	Male	Male	Male				
							
	Female	Female	Female				
05Pins				4A	60V	60V	M12-A05-ST2-M02-BF* M12-B05-ST2-M02-BF*
	Male	Male					
							
	Female	Female					
08Pins				2A	30V	30V	M12-A08-ST2-M02-BF*
	Male						
							
	Female						