

M12 Female Panel Mount, S&T-Coding, Crimping Type, Front Fastened, With M12 Circular Connector

Download date : 2025-05-05



Connector Series : M12
Gender : Female
Coding : S,T
Locking Type : Fix Screw
Mounting Type : Front Fastened
Part No : M12-X**-ST0-F03-BQ*-XXX
X:S,T Coding
**:03,04(Pin)
*:1=M16X1.5 2=PG9,...

XXX:050=0.5M,100=1M,10M=10M...(Length)



For reference only!version1.0

Technical Data

Standard	IEC61076-2-111
Ambient Temperatur	-25°C~+80°C
Insulation Resistance	≥100MΩ
Contact Resistance	≤10mΩ
IP Class	IP67
Mating Endurance	>100 Mating Cycles

Material Data

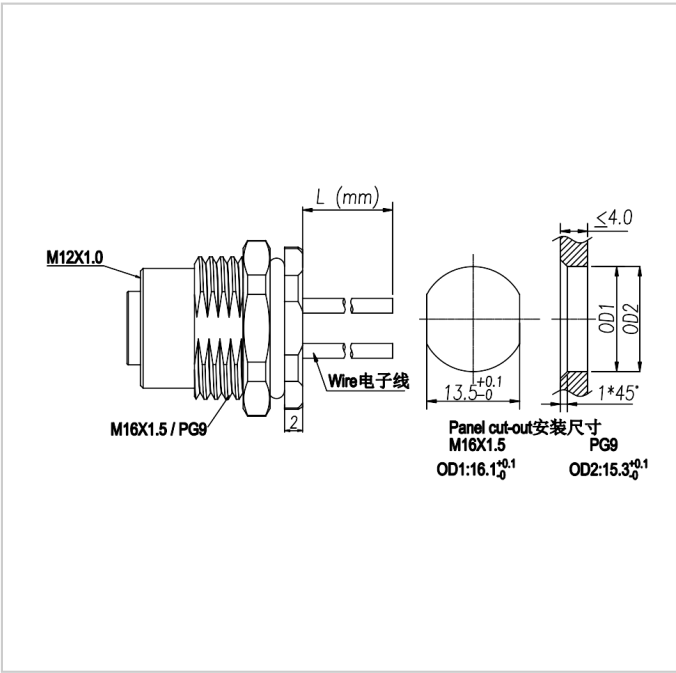
Connector Carriers	PA
Connector Contacts	Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw	Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring	FKM 氟橡胶
Shielding	Unshielded 非屏蔽
Contacts Termination	Crimping Type 压接式

Electrical Data & Mechanical Date

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Available Coding	S-Coding	T-Coding
Rated Current	16A(03Pin) 12A(04Pin)	12A
Rated Voltage	630V	60V
Wire Range AWG/mm ²	16 AWG / 1.5 mm ²	

Dimensions



Specification Selection Table

Available Coding 防插错编码	Contacts Pin 芯数		Rated Current 额定电流	Rated Voltage 额定电压	Wire Range 接线范围		Part NO. 产品编号
	03Pins	04Pins			AWG	mm ²	
S-Coding			16A(03Pin) 12A(04Pin)	630V	16	1.5	M12-S03-ST0-F03-BQ*-XXX M12-S04-ST0-F03-BQ*-XXX
T-Coding			12A	60V	16	1.5	M12-T03-ST0-F03-BQ*-XXX M12-T04-ST0-F03-BQ*-XXX