

M12 Female Molded Cables, S&T-Coding, Straight

M12 Circular Connector

Download date : 2025-06-05



Connector Series : M12

Gender : Female

Coding : S,T

Locking Type : Fix Screw

Mounting Type : Straight

Part No : M12-X**-ST0-F02-BC*-XXX

X:S,T Coding

** :03,04(Pin)

ST0:0=UnShielded , 2=Full Shield

BC*:BCC=Cable Jacket PVC(For Molded Cable)

BC*:BCR=Cable Jacket PUR(For Molded Cable)

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	Shielded/UnShielded 屏蔽/非屏蔽

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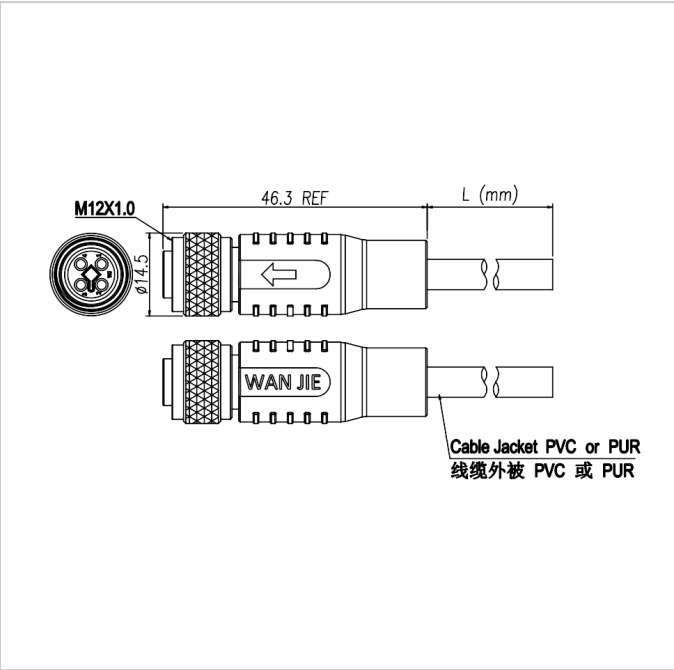


Connector Overmold	TPU
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Electrical Data & Mechanical Date

Available Coding	S-Coding	T-Coding
Rated Current	16A(03Pin)/12(04Pin)	12A
Rated Voltage	630V	60V
Wire Range AWG/mm²	16 AWG / 1.5 mm²	
Cable Jacket	PUR/PVC	

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		Cable Jacket 线缆外被	Part NO.产品编号
	03Pins	04Pins			AWG	mm²		
S-Coding			16A(03Pin) 12A(04Pin)	630V	16	1.5	PUR PVC	M12-S03-ST*-F02-BC*-XXX M12-S04-ST*-F02-BC*-XXX
T-Coding			12A	60V	16	1.5	PUR PVC	M12-T03-ST0-F02-BC*-XXX M12-T04-ST0-F02-BC*-XXX