

M12 Male Molded Cables, S-T-K-L-M Coding, Straight

M12 Circular Connector

Download date : 2025-12-06



Connector Series : M12

Gender : Male

Coding : S,T,K,L,M

Locking Type : Fix Screw

Mounting Type : Straight

Part No : M12-X**-ST0-M02-BC*-XXX

X:S,T,K,L,M Coding

**:.03,04,05,06 (Pin)

ST0:0=UnShielded , 2=Full Shield

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

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

Cable)

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



For reference only!version1.0

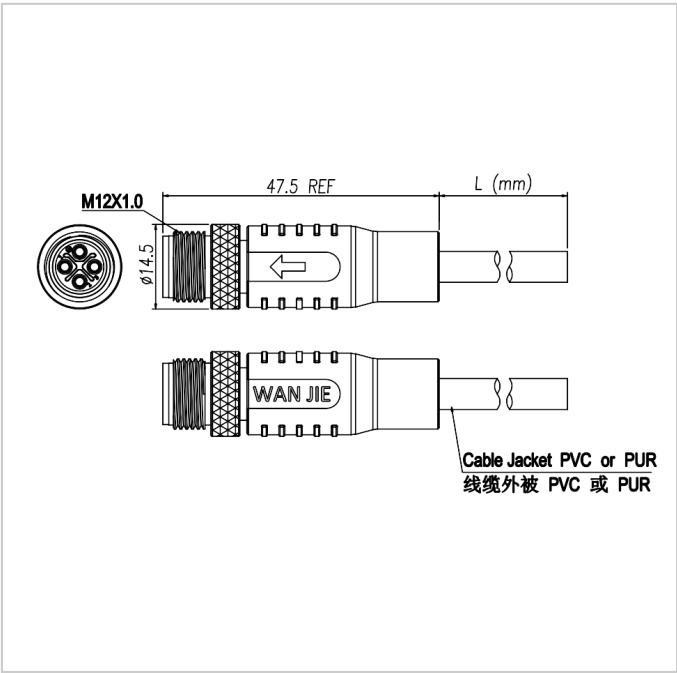
Technical Data

Standard	IEC61076-2-101
Ambient Temperatur	-25°C~+80°C
Insulation Resistance	≥100MΩ
Contact Resistance	≤10mΩ
IP Class	IP67
Mating Endurance	>100 Mating Cycles

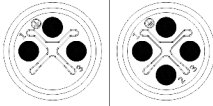
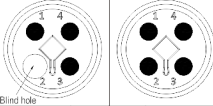
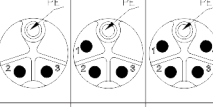
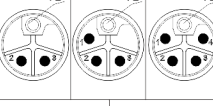
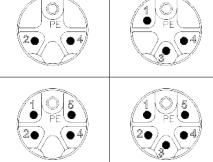
Material Data

Connector Carriers	PA
Connector Contacts	Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw	Copper Alloy With Nickel Plated 铜镀镍
Shielding	Shielded/UnShielded 屏蔽/非屏蔽
Connector Overmold	TPU

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
				AWG	mm ²		
S-Coding		16A(03Pin) 12A(04Pin)	630V	16	1.5	PUR PVC	M12-S03-ST*-M02-BC*-XXX M12-S04-ST*-M02-BC*-XXX
T-Coding		12A	60V	16	1.5	PUR PVC	M12-T03-ST*-M02-BC*-XXX M12-T04-ST*-M02-BC*-XXX
K-Coding		12A	630V	16	1.5	PUR PVC	M12-K03-ST*-M02-BC*-XXX M12-K04-ST*-M02-BC*-XXX M12-K05-ST*-M02-BC*-XXX
L-Coding		16A	63V	16	1.5	PUR PVC	M12-L03-ST*-M02-BC*-XXX M12-L04-ST*-M02-BC*-XXX M12-L05-ST*-M02-BC*-XXX
M-Coding		8A	630V	18	1.0	PUR PVC	M12-M03-ST*-M02-BC*-XXX M12-M04-ST*-M02-BC*-XXX M12-M05-ST*-M02-BC*-XXX M12-M06-ST*-M02-BC*-XXX