



连接器系列：M12
类型：母
编码：A,B,C,D
装配方式：锁螺丝
安装类型：直头
产品编号：M12-X**-ST2-F02-ZC*-XXX
X:A,B,C,D Coding(A,B,C,D扣)
**:03,04,05...(Pin数)
ST2:2=Full Shield 全屏蔽
ZC*:ZCC=Cable Jacket PVC(For
Molded Cable)成型式外被PVC线缆
ZC*:ZCR=Cable Jacket PUR(For
Molded Cable)成型式外被PUR线缆

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

目录仅供参考，实际规格依产品工程图为准 版本1.0

技术参数 Technical Data

标准 Standard	IEC61076-2-101
工作温度 Ambient Temperatur	-25℃-+80℃
绝缘电阻 Insulation Resistance	≥100MΩ
接触电阻 Contact Resistance	≤5mΩ
防护等级 IP Class	IP67
机械寿命 Mating Endurance	>100 Mating Cycles

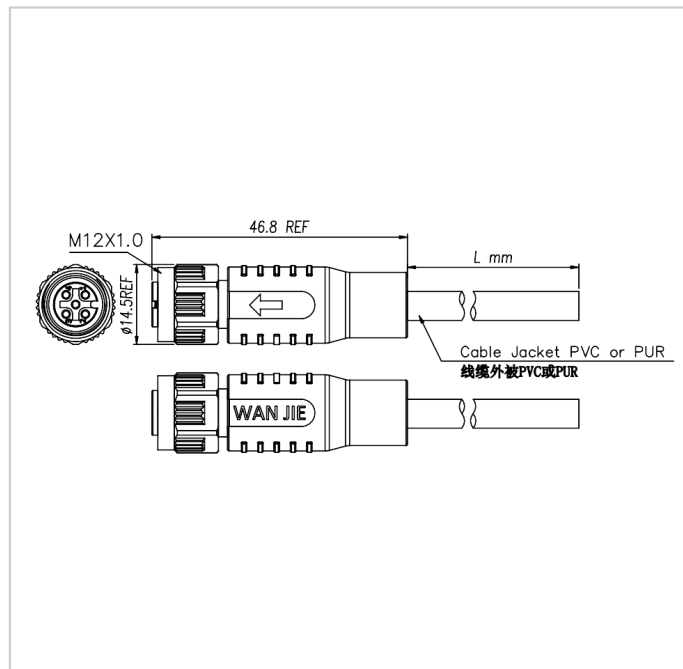
材质说明 Material Data

胶芯材料 Connector Carriers	PA
接触端子 Connector Contacts	Copper Alloy With Gold Plated 铜镀金
螺母/螺丝 Connector Nut/Screw	Zn Alloy With Nickel Plated 锌合金镀镍
密封胶圈 Seal/O-Ring	FKM 氟橡胶
屏蔽 Shielding	Shielded 屏蔽

连接器外模 Connector Overmold

TPU

尺寸图



Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Cable Jacket 线缆外被	Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm ²		
03Pins			 2+PE		4A	250V	250V	22	0.34	PUR PVC	M12-A03-ST2-F02-ZC*-XXX M12-B03-ST2-F02-ZC*-XXX M12-C03-ST2-F02-ZC*-XXX
04Pins			 3+PE		4A	250V	250V	22	0.34	PUR PVC	M12-A04-ST2-F02-ZC*-XXX M12-B04-ST2-F02-ZC*-XXX M12-C04-ST2-F02-ZC*-XXX M12-D04-ST2-F02-ZC*-XXX
05Pins			 4+PE		4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PUR PVC	M12-A05-ST2-F02-ZC*-XXX M12-B05-ST2-F02-ZC*-XXX M12-C05-ST2-F02-ZC*-XXX
06Pins			 5+PE		2A	30V	30V	24	0.25	PUR PVC	M12-C06-ST2-F02-ZC*-XXX
08Pins					2A	30V	30V	24	0.25	PUR PVC	M12-A08-ST2-F02-ZC*-XXX
12Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A12-ST2-F02-ZC*-XXX
17Pins					1.5A	30V	30V	26	0.14	PUR PVC	M12-A17-ST2-F02-ZC*-XXX