



连接器系列：M12

类型：公

编码：S,T

装配方式：锁螺丝

安装类型：直头

产品编号：M12-X**-ST0-M02-BC*-XXX

X:S,T Coding(S,T扣)

**:03,04(Pin数)

ST0:0=UnShielded 非屏蔽，2=Full

Shield 全屏蔽

BC*:BCC=Cable Jacket PVC(For Molded Cable)成型式外被PVC线缆

BC*:BCR=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°C~+80°C
绝缘电阻 Insulation Resistance	≥100MΩ
接触电阻 Contact Resistance	≤10mΩ
防护等级 IP Class	IP67
机械寿命 Mating Endurance	>100 Mating Cycles

材质说明 Material Data

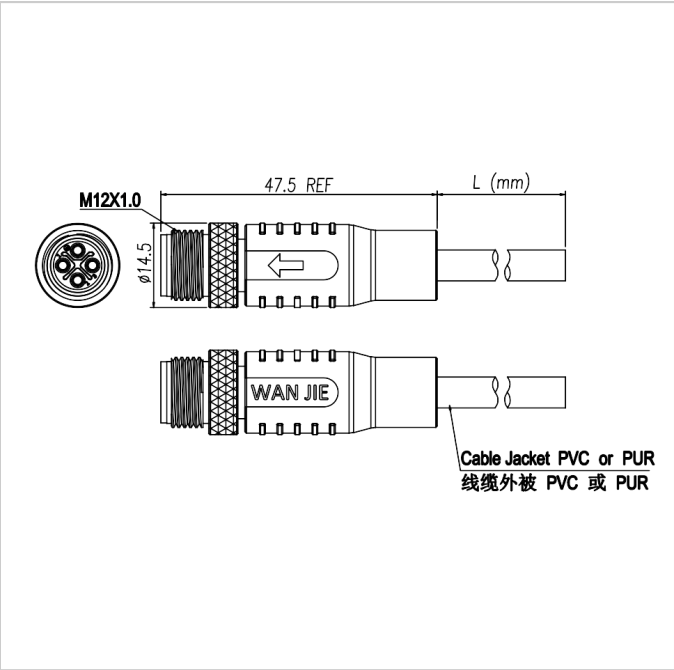
胶芯材料 Connector Carriers	PA
接触端子 Connector Contacts	Copper Alloy With Gold Plated 铜镀金
螺母/螺丝 Connector Nut/Screw	Copper Alloy With Nickel Plated 铜镀镍
屏蔽 Shielding	Shielded/UnShielded 屏蔽/非屏蔽

连接器外模 Connector Overmold	TPU
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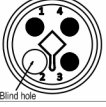
电气参数&机械参数 Electrical Data & Mechanical Date

防插错编码 Available Coding	S-Coding	T-Coding
额定电流 Rated Current	16A(03Pin)/12A(04Pin)	12A
额定电压 Rated Voltage	630V	60V
接线范围 Wire Range AWG/mm²	16 AWG / 1.5 mm²	
线缆外被 Cable Jacket	PUR/PVC	

尺寸图



规格选型表 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*-M02-BC*-XXX M12-S04-ST*-M02-BC*-XXX
T-Coding			12A	60V	16	1.5	PUR PVC	M12-T03-ST0-M02-BC*-XXX M12-T04-ST0-M02-BC*-XXX

配套部件 Matching Parts



M12 母头成型式线缆，S&T-
Coding直头