



连接器系列：M12
类型：公
编码：S,T,K,L,M
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,K,L,M Coding(S,T,K,L,M扣)
**:03,04,05,06 (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

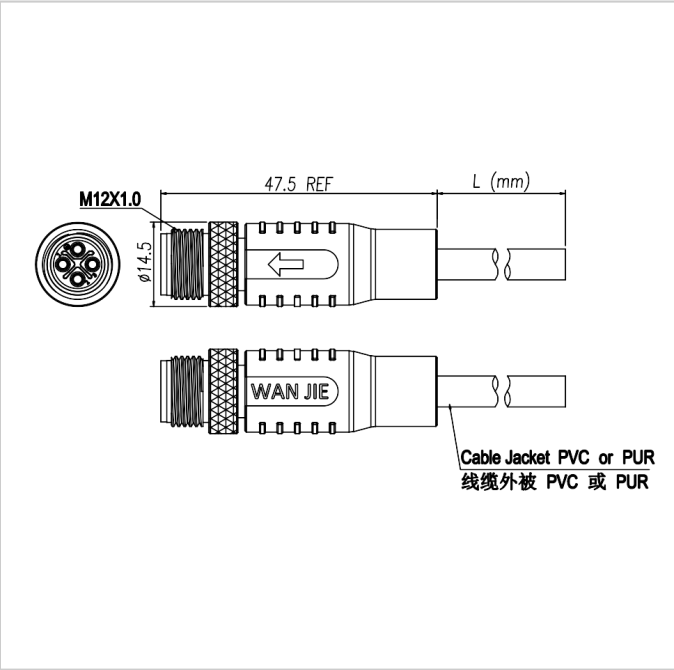
标准 Standard	IEC61076-2-101
工作温度 Ambient Temperatur	-25℃~+80℃
绝缘电阻 Insulation Resistance	≥100MΩ
接触电阻 Contact Resistance	≤10mΩ
防护等级 IP Class	IP67
机械寿命 Mating Endurance	>100 Mating Cycles

材质说明 Material Data

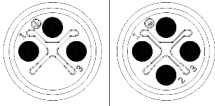
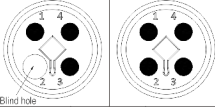
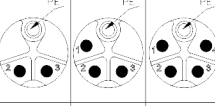
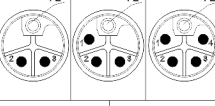
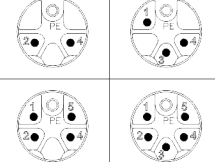
胶芯材料 Connector Carriers	PA
接触端子 Connector Contacts	Copper Alloy With Gold Plated 铜镀金
螺母/螺丝 Connector Nut/Screw	Copper Alloy With Nickel Plated 铜镀镍
屏蔽 Shielding	Shielded/UnShielded 屏蔽/非屏蔽

连接器外模 Connector Overmold	TPU
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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
				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-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

配套部件 Matching Parts



M12 母头成型式线缆，S-T-K-L-M
Coding直头