



连接器系列：M12

类型：母

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-F02-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

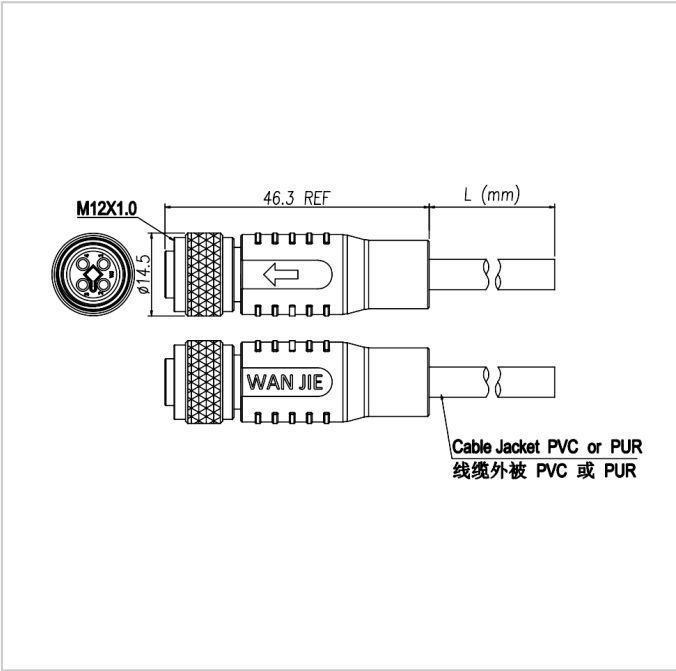
标准 Standard	IEC61076-2-111
工作温度 Ambient Temperatur	-25°C~+80°C
绝缘电阻 Insulation Resistance	$\geq 100M\Omega$
接触电阻 Contact Resistance	$\leq 10m\Omega$
防护等级 IP Class	IP67
机械寿命 Mating Endurance	>100 Mating Cycles

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
密封胶圈 Seal/O-Ring	FKM 氟橡胶

屏蔽 Shielding	Shielded/UnShielded 屏蔽/非屏蔽
连接器外模 Connector Overmold	TPU

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	mm ²		
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-ST*-F02-BC*-XXX M12-T04-ST*-F02-BC*-XXX
K-Coding			12A	630V	16	1.5	PUR PVC	M12-K03-ST*-F02-BC*-XXX M12-K04-ST*-F02-BC*-XXX M12-K05-ST*-F02-BC*-XXX
L-Coding			16A	63V	16	1.5	PUR PVC	M12-L03-ST*-F02-BC*-XXX M12-L04-ST*-F02-BC*-XXX M12-L05-ST*-F02-BC*-XXX
M-Coding			8A	630V	18	1.0	PUR PVC	M12-M03-ST*-F02-BC*-XXX M12-M04-ST*-F02-BC*-XXX M12-M05-ST*-F02-BC*-XXX M12-M06-ST*-F02-BC*-XXX

配套部件 Matching Parts



M12 公头成型式线缆，S-T-K-L-M
Coding直头