



连接器系列：M12
类型：公
编码：A,B,D
装配方式：锁螺丝
安装类型：组装式
产品编号：M12-X**-ST2-M04-BS*
X:A,B,D Coding(A,B,D扣)
**:03,04,05...8(Pin 数)
*:1=Cable OD4.0~6.0MM
*:2=Cable OD6.0~8.0MM...

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
工作温度 Ambient Temperatur	-25℃~+105℃
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

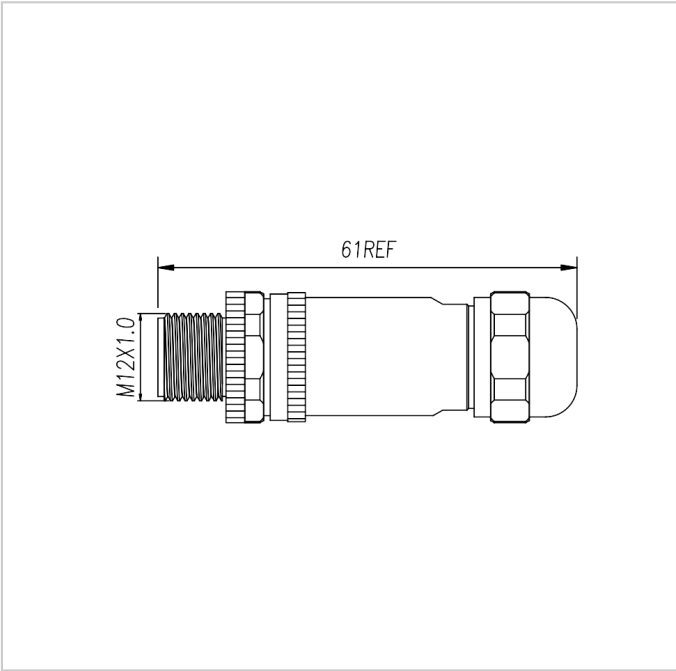
材质说明 Material Data

主体材料 Connector Carriers	Copper Alloy With Nickel Plated 铜合金镀镍
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 铜合金镀镍
密封胶圈 Seal/O-Ring	FKM 氟橡胶
屏蔽 Shielding	Shielded 屏蔽
连接方式 Contacts Termination	Terminal Locking Screw 锁螺钉连接

电气参数&机械参数 Electrical Data & Mechanical Date

Pin数 Contacts Pin	3/4Pins	5Pins	8Pins
额定电流 Rated Current	4A	4A	2A
电压 Voltage AC/DC	250V	60V	30V
接线范围 Wire Range AWG/mm ²	22/0.34	22/0.34	24/0.25

尺寸图



规格选型表 Specification Selection Table

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		Part NO.产品编号
	A-Coding	B-Coding	D-Coding		AC	DC	AWG	mm ²	
03Pins				4A	250V	250V	22	0.34	M12-A03-ST2-M04-BS* M12-B03-ST2-M04-BS*
04Pins				4A	250V	250V	22	0.34	M12-A04-ST2-M04-BS* M12-B04-ST2-M04-BS* M12-D04-ST2-M04-BS*
05Pins				4A	60V	60V	22	0.34	M12-A05-ST2-M04-BS* M12-B05-ST2-M04-BS*
08Pins				2A	30V	30V	24	0.25	M12-A08-ST2-M04-BS*