



连接器系列：M12  
类型：母  
编码：X  
装配方式：锁螺丝  
安装类型：直头  
产品编号：M12-X\*\*-ST0-F02-BC\*-XXX  
X:X Coding(X扣)  
\*\*:08(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

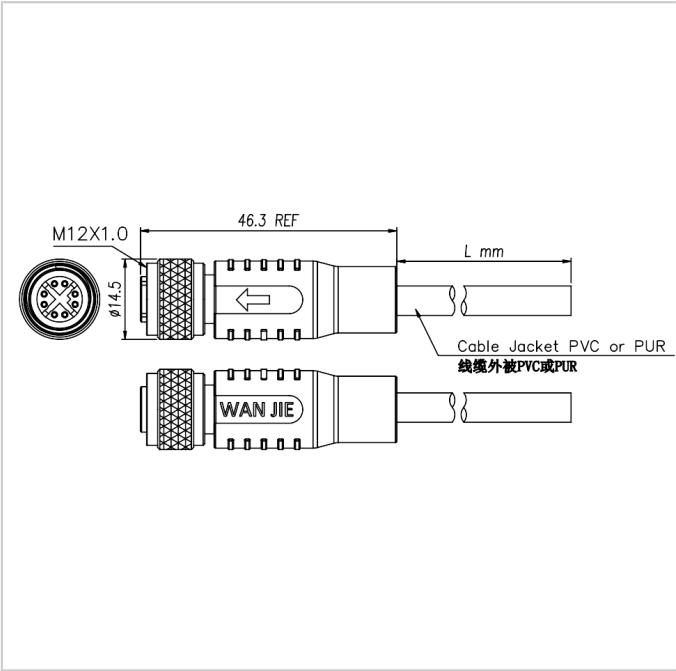
|                            |                    |
|----------------------------|--------------------|
| 标准 Standard                | IEC61076-2-109     |
| 工作温度 Ambient Temperatur    | -25℃-+80℃          |
| 绝缘电阻 Insulation Resistance | ≥100MΩ             |
| 接触电阻 Contact Resistance    | ≤5mΩ               |
| 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 | Copper Alloy With Nickel Plated 铜镀镍 |
| 密封胶圈 Seal/O-Ring          | FKM 氟橡胶                             |

|                          |                             |
|--------------------------|-----------------------------|
| 屏蔽 Shielding             | Unshielded 屏蔽 / Shielded 屏蔽 |
| 连接器外模 Connector Overmold | TPU                         |

尺寸图



| Available Coding<br>防插错编码 | Contacts Pin 芯数<br>08 Pins                                                          | Rated Current<br>额定电流 | Rated Voltage<br>额定电压 | Wire Range 接线范围 |           | Cable Jacket<br>线缆外被 | Part NO.产品编号            |
|---------------------------|-------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------|-----------|----------------------|-------------------------|
|                           |                                                                                     |                       |                       | AWG             | mm²       |                      |                         |
| X-Coding                  |  | 0.5A                  | 50V AC<br>60V DC      | 26-24           | 0.14-0.25 | PUR<br>PVC           | M12-X08-ST*-F02-BC*-XXX |