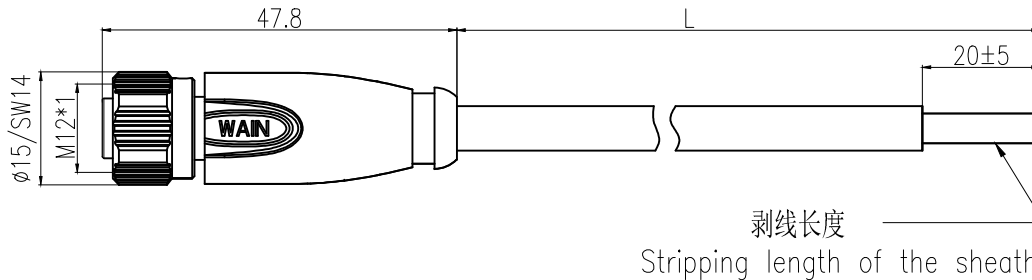


技术参数:

- 产品系列: M12 A-code
- 插针数: 12
- 额定电流(40℃): 1.5A
- 额定电压: 30V
- 额定脉冲电压: 800V
- 污染等级: 3
- 接触电阻: ≤10mΩ
- 绝缘电阻: ≥100MΩ
- 锁紧方式: 螺纹式M12\*1
- 电缆类型: PVC, 黑色RAL9005
- 线规: 0.25mm<sup>2</sup> (AWG24)
- 防护等级: IP67
- 插拔次数: >100
- 温度范围: -25℃ ... +85℃
- 锁紧螺帽: 金属
- 外壳材料: TPE
- 插体材料: PA
- 插针材料: 铜合金
- 插针电镀材料: 金

Technical specification:

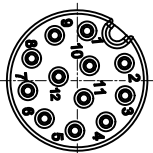
- Series: M12 A-Code
- Number of contacts: 12
- Rated current (40℃): 1.5A
- Rated voltage: 30V
- Rated impulse voltage: 800V
- Pollution degree: 3
- Contact resistance: ≤10mΩ
- Insulation resistance: ≥100MΩ
- Connector locking system: screw M12\*1
- Cable type: PVC , Black RAL 9005
- Wire gauge: 0.25mm<sup>2</sup> (AWG24)
- Degree of protection: IP67
- Mating cycles: >100
- Temperature range: -25℃ ... +85℃
- Material of locking system: Metal
- Material of housing: TPE
- Material of insert: PA
- Material of contact: copper alloy
- Contact plating: Au



例如型号”M12-F12A-T-L-PVC-SH”,  
”L”表示带线长度, 单位m。  
Ex: Part code ”M12-F12A-T-L-PVC-SH”,  
the ”L” represents the cable length, unit m.

|               |                       |         |          |
|---------------|-----------------------|---------|----------|
| 1630124022002 | M12-F12A-T-5.0-PVC-SH | 5.0m    | 193.5g   |
| 1630124022001 | M12-F12A-T-1.5-PVC-SH | 1.5m    | 71g      |
| -             | M12-F12A-T-L-PVC-SH   | Lm      | -g       |
| 产品料号 Part NO. | 产品代号 Part Code        | 线缆长度(L) | 重量Weight |

|               |              |                  |                 |                     |
|---------------|--------------|------------------|-----------------|---------------------|
| 标记<br>Mark    | 处数<br>Number | 变更描述/Description | 签名<br>Signature | 日期<br>Date          |
| 绘图<br>Drawn   | GY YE        | 28.12.2023       | 标准化<br>Stand.   | -                   |
| 审核<br>Checked | ZQ XU        | 28.12.2023       |                 |                     |
| 工艺<br>Process | -            | -                | 批准<br>Approved  | HQ ZHANG 28.12.2023 |

| 针位图<br>Contact arrangements                                                           |            |                                                                                       |            | 接线图<br>Circuit diagram                                                                                                            |                     |
|---------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------|
|   |            |                                                                                       |            |                                               |                     |
|                                                                                       |            |                                                                                       |            | Shield  外壳                                   |                     |
| 表面处理<br>Finish                                                                        |            | —                                                                                     |            | 图号<br>Drawing No.                                                                                                                 | —                   |
| 材料<br>Material                                                                        |            | —                                                                                     |            | 产品代号<br>Part Code                                                                                                                 | M12-F12A-T-L-PVC-SH |
| 比例<br>Scale                                                                           | 版本<br>REV. | 重量<br>Weight                                                                          | 数量<br>Qty. | 产品料号<br>Part No.                                                                                                                  | —                   |
| 1:1                                                                                   | V1.1       | —                                                                                     | —          | 产品名称<br>Part Name                                                                                                                 | —                   |
|  |            |  |            | All Dimensions in mm<br>Original Size DIN A 4                                                                                     |                     |
|                                                                                       |            |                                                                                       |            |  厦门唯恩电气有限公司<br>XIAMEN WAIN ELECTRICAL CO.LTD |                     |