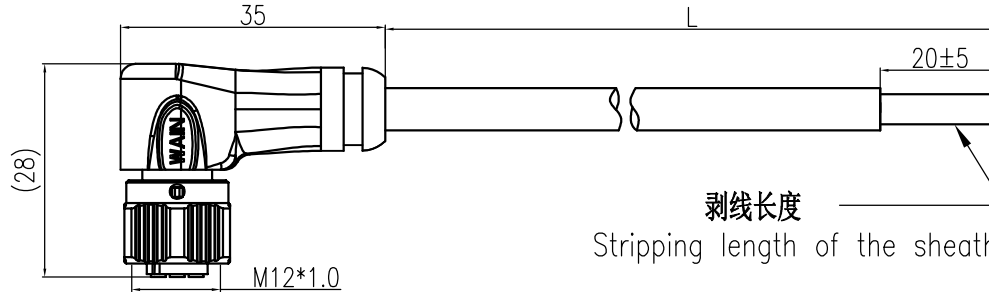


技术参数:

- 产品系列: M12 A-code
- 插针数: 5
- 额定电流(40℃): 4A
- 额定电压: 125V
- 额定脉冲电压: 1500V
- 污染等级: 3
- 接触电阻: $\leq 10m\Omega$
- 绝缘电阻: $\geq 100M\Omega$
- 锁紧方式: 螺纹式M12*1
- 电缆类型: PUR, 黑色RAL9005
- 线规: $0.25mm^2$ (AWG24)
- 防护等级: IP67
- 插拔次数: >100
- 温度范围: $-25^\circ C \dots +85^\circ C$
- 锁紧螺帽: 金属
- 外壳材料: TPU
- 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: 5
- Rated current (40℃): 4A
- Rated voltage: 125V
- Rated impulse voltage: 1500V
- Pollution degree: 3
- Contact resistance: $\leq 10m\Omega$
- Insulation resistance: $\geq 100M\Omega$
- Connector locking system: screw M12*1
- Cable type: PUR, Black RAL 9005
- Wire gauge: $0.25mm^2$ (AWG24)
- Degree of protection: IP67
- Mating cycles: >100
- Temperature range: $-25^\circ C \dots +85^\circ C$
- Material of locking system: Metal
- Material of housing: TPU
- Material of insert: PA
- Material of contact: copper alloy
- Contact plating: Au



| 插针数 Contacts | 料号 Order No. | 产品代号 Part Code | 电缆长度(L) Cable length | 重量 Weight |
|-----------------|-----------------|--------------------|-------------------------|--------------|
| 5 | 1630055024041 | M12-F05A-S-1.5-PUR | 1.5m | 74g |
| | 1630055024042 | M12-F05A-S-5.0-PUR | 5mm | 215g |

例如型号”M12-F05A-S-L-PUR”,

”L”表示带线长度, 单位m。

Ex: Part code ”M12-F05A-S-L-PUR”,
the ”L” represents the cable length, unit m.

| 针位图 Contact arrangements | 接线图 Circuit diagram |
|-----------------------------|------------------------|
| | |

| 标记 Mark | 处数 Number | 变更描述/Description | 姓名/Name | 日期/Date | 表面处理 Finish | 材料 Material | 图号 Drawing No. |
|---------------|--------------|------------------|----------------|----------|----------------|---|---------------------------------------|
| 绘图 Drawn | GY YE | 12.12.2023 | 标准化 Stand. | - | - | - | - |
| 审核 Checked | ZQ XU | 12.12.2023 | - | - | - | - | 产品代号 Part Code M12-F05A-S-L-PUR |
| 工艺 Process | - | - | 批准 Approved | HQ ZHANG | 12.12.2023 | 比例 Scale 1:1 | 版本 REV. V1.1 |
| | | | | | | 重量 Weight - | 数量 Qty. - |
| | | | | | | All Dimensions in mm Original Size DIN A 4 | |
| | | | | | | 厦门唯恩电气有限公司 XIAMEN WAIN ELECTRICAL CO.LTD | |