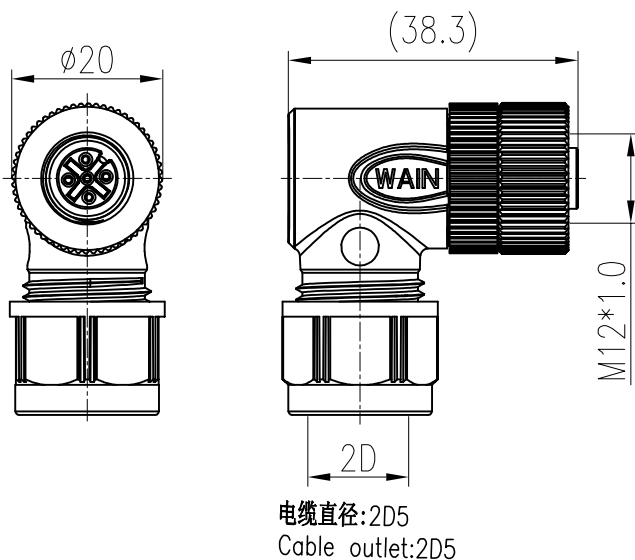
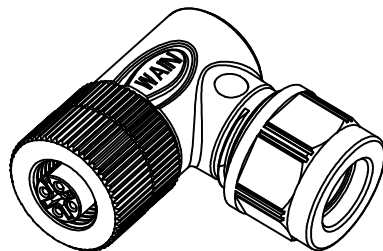


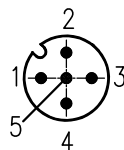


电缆直径:2D5  
Cable outlet:2D5



针位排布图

Contact arrangement



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:  $\leq 10\text{m}\Omega$
- 防护等级: IP67
- 插拔次数:  $> 100$
- 温度范围:  $-40^\circ\text{C} \cdots +85^\circ\text{C}$
- 绝缘阻抗:  $\geq 100\text{M}\Omega$
- 接线方式: 螺钉锁紧
- 线径范围:  $\text{max.} 0.75\text{mm}^2$  (max.AWG18)
- 锁紧扭矩: 0.2Nm (螺钉接线)
- 电缆直径: 2 (2.1-3mm or 4-5mm)
- 电缆剥线长度: 20mm
- 导线剥线长度: 5mm

材料特性:

- 锁紧螺帽: 塑料
- 插针材料: 铜合金
- 插针表面处理: 镀金
- 外壳材料: PA
- 颜色: RAL 9005 (黑色)
- 绝缘材料: PA

符合标准: IEC 61076-2-101

Technical specification:

- Series: M12A-Code
- Number of contacts: 5
- Rated current(40℃): 4A
- Rated voltage: 125V
- Rated impulse voltage: 1500V
- Pollution degree: 3
- Contact resistance:  $\leq 10\text{m}\Omega$
- Degree of protectio: IP67
- Mating cycles:  $> 100$
- Temperature range:  $-40^\circ\text{C} - +85^\circ\text{C}$
- Insulation resistance:  $\geq 100\text{M}\Omega$
- Termination method: screw connection
- Wire gauge:  $\text{max.} 0.75\text{mm}^2$  (max.AWG18)
- Torque: 0.2Nm (screw terminal blocks)
- Cable Outlet: 2 (2.1-3mm or 4-5mm)
- Stripping length of the sheath: 20mm
- Stripping length of the individual wire: 5mm

Material properties :

- Material of locking system: Plastic
- Material of contact: copper alloy
- Contact plating: Au
- Material of housing : PA
- Colour of housing: RAL 9005 (Black)
- Material of Insert: PA

Standards: IEC 61076-2-101

|               |              |                  |                |          |                 |                |                                                                                                                                   |                   |                 |
|---------------|--------------|------------------|----------------|----------|-----------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------|
|               |              |                  |                |          |                 | 表面处理<br>Finish | —                                                                                                                                 | 图号<br>Drawing No. | —               |
|               |              |                  |                |          |                 | 材料<br>Material | —                                                                                                                                 | 产品代号<br>Part Code | M12P-F05A-S-2D5 |
| 标记<br>Mark    | 处数<br>Number | 变更描述/Description |                |          | 签名<br>Signature | 日期<br>Date     |                                                                                                                                   | 产品料号<br>Part No.  | 1630055023001   |
| 绘图<br>Drawn   | 姓名/Name      | 日期/Date          | 标准化<br>Stand.  | 姓名/Name  | 日期/Date         | 比例<br>Scale    | 版本<br>REV.                                                                                                                        | 重量<br>Weight      | 数量<br>Qty.      |
| 审核<br>Checked | YP ZHUANG    | 18.12.2020       |                | —        | —               | 1:1            | V1.0                                                                                                                              | 21.5g             | —               |
| 工艺<br>Process | —            | —                | 批准<br>Approved | HQ ZHANG | 18.12.2020      |                |                                                                                                                                   |                   |                 |
|               |              |                  |                |          |                 |                | All Dimensions in mm<br>Original Size DIN A 4                                                                                     |                   |                 |
|               |              |                  |                |          |                 |                |  厦门唯思电气有限公司<br>XIAMEN WAIN ELECTRICAL CO.LTD |                   |                 |