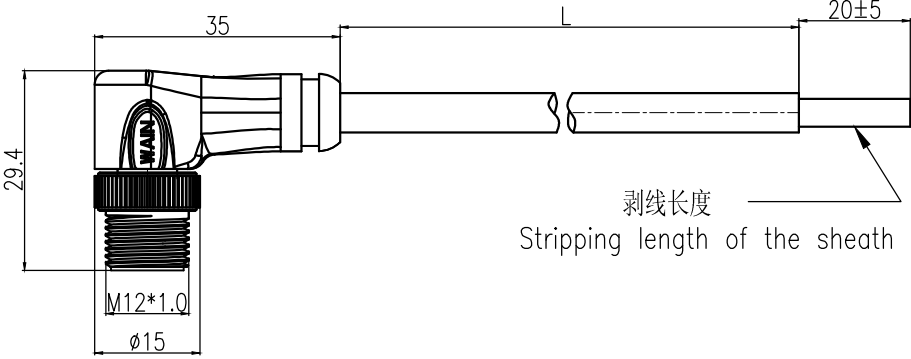
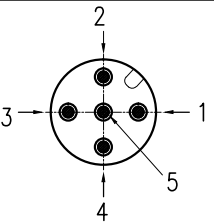
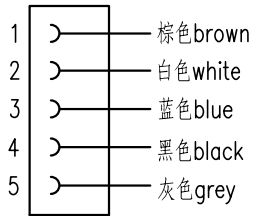


|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |          |  |   |  |   |  |   |  |                                                                                      |  |                                                                                      |  |                                             |  |                         |  |              |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------|--|---|--|---|--|---|--|--------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|--|---------------------------------------------|--|-------------------------|--|--------------|--|
| 日期/Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 制图/Drawn |  | 1 |  | 2 |  | 3 |  | 4                                                                                    |  | 5                                                                                    |  | 6                                           |  |                         |  |              |  |
| 技术参数:<br>- 产品系列: M12 A-code<br>- 插针数: 5<br>- 额定电流(40℃): 4A<br>- 额定电压: 125V<br>- 额定脉冲电压: 1500V<br>- 污染等级: 3<br>- 接触电阻: ≤10mΩ<br>- 绝缘电阻: ≥100MΩ<br>- 锁紧方式: 螺纹式M12*1<br>- 电缆类型: PUR, 黑色RAL9005<br>- 线规: 0.25mm <sup>2</sup> (AWG24)<br>- 防护等级: IP67<br>- 插拔次数: >100<br>- 温度范围: -25℃ ... +85℃<br>- 锁紧螺帽: 金属<br>- 外壳材料: TPU<br>- 插体材料: PA<br>- 插针材料: 铜合金<br>- 插针电镀材料: 金                                                                                                                                                                                                                                                                                           |  |          |  |   |  |   |  |   |  | 插针数<br>Contacts                                                                      |  | 料号<br>Order No.                                                                      |  | 产品代号<br>Part Code                           |  | 电缆长度(L)<br>Cable length |  | 重量<br>Weight |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |          |  |   |  |   |  |   |  | 5                                                                                    |  | 1630055014041                                                                        |  | M12-M05A-S-1.5-PUR                          |  | 1.5m                    |  | 68g          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |          |  |   |  |   |  |   |  |                                                                                      |  |                                                                                      |  | 1630055014042                               |  | M12-M05A-S-5.0-PUR      |  | 5mm          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |          |  |   |  |   |  |   |  |                                                                                      |  |                                                                                      |  |                                             |  |                         |  |              |  |
| Technical specification:<br>- Series: M12 A-Code<br>- Number of contacts: 5<br>- Rated current (40℃): 4A<br>- Rated voltage: 125V<br>- Rated impulse voltage: 1500V<br>- Pollution degree: 3<br>- Contact resistance: ≤10mΩ<br>- Insulation resistance: ≥100MΩ<br>- Connector locking system: screw M12*1<br>- Cable type: PUR , Black RAL 9005<br>- Wire gauge: 0.25mm <sup>2</sup> (AWG24)<br>- Degree of protection: IP67<br>- Mating cycles: >100<br>- Temperature range: -25℃ ... +85℃<br>- Material of locking system: Metal<br>- Material of housing: TPU<br>- Material of insert: PA<br>- Material of contact: copper alloy<br>- Contact plating: Au |  |          |  |   |  |   |  |   |  |                                                                                      |  |                                                                                      |  |                                             |  |                         |  |              |  |
| 例如型号”M12-M05A-S-L-PUR”,<br>”L”表示带线长度, 单位m。<br>Ex: Part code ”M12-M05A-S-L-PUR”,<br>the ”L” represents the cable length, unit m.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |          |  |   |  |   |  |   |  | 针位图<br>Contact arrangements                                                          |  | 接线图<br>Circuit diagram                                                               |  |                                             |  |                         |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |          |  |   |  |   |  |   |  |  |  |  |  |                                             |  |                         |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |          |  |   |  |   |  |   |  | 表面处理<br>Finish                                                                       |  | —                                                                                    |  | 图号<br>Drawing No.                           |  | —                       |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |          |  |   |  |   |  |   |  | 材料<br>Material                                                                       |  | —                                                                                    |  | 产品代号<br>Part Code                           |  | M12-M05A-S-L-PUR        |  |              |  |
| 标记<br>Mark                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |          |  |   |  |   |  |   |  | 处数<br>Number                                                                         |  | 变更描述/Description                                                                     |  | 签名<br>Signature                             |  | 日期<br>Date              |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |          |  |   |  |   |  |   |  |                                                                                      |  |                                                                                      |  | 姓名/Name                                     |  | 日期/Date                 |  |              |  |
| 绘图<br>Drawn                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |          |  |   |  |   |  |   |  | ZM LIN                                                                               |  | 18.03.2014                                                                           |  | 标准化<br>Stand.                               |  | —                       |  |              |  |
| 审核<br>Checked                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |          |  |   |  |   |  |   |  | YY LUO                                                                               |  | 18.03.2014                                                                           |  |                                             |  |                         |  |              |  |
| 工艺<br>Process                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |          |  |   |  |   |  |   |  | —                                                                                    |  | —                                                                                    |  | 批准<br>Approved                              |  | YY LUO 18.03.2014       |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |          |  |   |  |   |  |   |  | 比例<br>Scale                                                                          |  | 1:1                                                                                  |  | 版本<br>REV.                                  |  | V1.0                    |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |          |  |   |  |   |  |   |  | 重量<br>Weight                                                                         |  | —                                                                                    |  | 数量<br>Qty.                                  |  | —                       |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |          |  |   |  |   |  |   |  | 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 |  |                         |  |              |  |