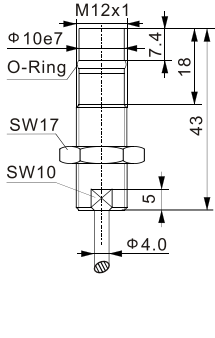
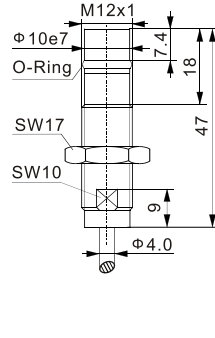
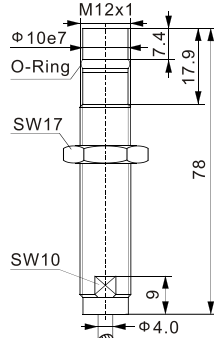
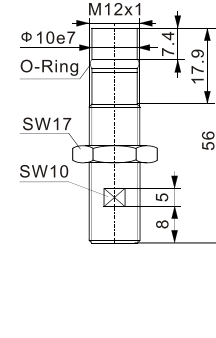


|                                    |
|------------------------------------|
| 外形尺寸(mm)                           |
| 检测距离(Sn)                           |
| 安装方式                               |
| 最大耐受压力                             |
| 3线式DC 10-30V NPN N.O.              |
| 3线式DC 10-30V NPN N.C.              |
| 4线式DC 10-30V NPN N.O.&N.C.         |
| 3线式DC 10-30V PNP N.O.              |
| 3线式DC 10-30V PNP N.C.              |
| 4线式DC 10-30V PNP N.O.&N.C.         |
| * 3线式DC 10-30V NPNorPNP N.O.orN.C. |
| 图片                                 |
| 尺寸图(单位: mm)                        |
| 检测距离(Sn)                           |
| 开关滞后                               |
| 标准检测物体                             |
| 开关频率                               |
| 重复精度                               |
| 输出漏电流                              |
| 空载电流                               |
| 输出电流                               |
| 导通压降                               |
| 保护                                 |
| LED 显示                             |
| 工作温度(°C)                           |
| 温度的影响                              |
| 储存温度(°C)                           |
| 绝缘阻抗                               |
| EMC                                |
| 防护等级                               |
| 连接方式                               |
| 材料                                 |
| 备注                                 |

| M12x43                                                                             |            | M12x47                                                                              |  | M12x78                                                                               |            | M12x56                                                                               |  |
|------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|------------|--------------------------------------------------------------------------------------|--|
| 1.5mm                                                                              |            | 1.5mm                                                                               |  | 1.5mm                                                                                |            | 1.5mm                                                                                |  |
| 埋入                                                                                 |            | 埋入                                                                                  |  | 埋入                                                                                   |            | 埋入                                                                                   |  |
| 500bar                                                                             |            | 500bar                                                                              |  | 500bar                                                                               |            | 500bar                                                                               |  |
| IPM12-M1.5NA-Y3L2/S43                                                              | 1          | IPM12-M1.5NA-Y3L2/S47                                                               |  | IPM12-M1.5NA-Y3L2/S78                                                                | 1          | IPM12-M1.5NA-Y3U4/S56                                                                |  |
| IPM12-M1.5NB-Y3L2/S43                                                              | 2          | IPM12-M1.5NB-Y3L2/S47                                                               |  | IPM12-M1.5NB-Y3L2/S78                                                                | 2          | IPM12-M1.5NB-Y3U4/S56                                                                |  |
|                                                                                    |            |                                                                                     |  |                                                                                      |            |                                                                                      |  |
| IPM12-M1.5PA-Y3L2/S43                                                              | 4          | IPM12-M1.5PA-Y3L2/S47                                                               |  | IPM12-M1.5PA-Y3L2/S78                                                                | 4          | IPM12-M1.5PA-Y3U4/S56                                                                |  |
| IPM12-M1.5PB-Y3L2/S43                                                              | 5          | IPM12-M1.5PB-Y3L2/S47                                                               |  | IPM12-M1.5PB-Y3L2/S78                                                                | 5          | IPM12-M1.5PB-Y3U4/S56                                                                |  |
|                                                                                    |            |                                                                                     |  |                                                                                      |            |                                                                                      |  |
|                                                                                    |            |                                                                                     |  |                                                                                      |            |                                                                                      |  |
|   |            |                                                                                     |  |   |            |                                                                                      |  |
|  |            |  |  |  |            |  |  |
| 1.5mm±10%                                                                          | 1.5mm±10%  |                                                                                     |  | 1.5mm±10%                                                                            | 1.5mm±10%  |                                                                                      |  |
| 1~10%                                                                              | 1~10%      |                                                                                     |  | 1~10%                                                                                | 1~10%      |                                                                                      |  |
| 铁12x12x1mm                                                                         | 铁12x12x1mm |                                                                                     |  | 铁12x12x1mm                                                                           | 铁12x12x1mm |                                                                                      |  |
| 1000Hz                                                                             | 1000Hz     |                                                                                     |  | 1000Hz                                                                               | 1000Hz     |                                                                                      |  |
| ≤Sn±3%                                                                             |            |                                                                                     |  | ≤Sn±3%                                                                               |            |                                                                                      |  |
| ≤0.01mA                                                                            |            |                                                                                     |  | ≤0.01mA                                                                              |            |                                                                                      |  |
| ≤10mA                                                                              |            |                                                                                     |  | ≤10mA                                                                                |            |                                                                                      |  |
| ≤200mA                                                                             |            |                                                                                     |  | ≤200mA                                                                               |            |                                                                                      |  |
| ≤2V                                                                                |            |                                                                                     |  | ≤2V                                                                                  |            |                                                                                      |  |
| 极性反接保护;上电脉冲抑制保护;负载短路保护                                                             |            |                                                                                     |  | 极性反接保护;上电脉冲抑制保护;负载短路保护                                                               |            |                                                                                      |  |
| ---                                                                                |            |                                                                                     |  | ---                                                                                  |            |                                                                                      |  |
| -25~+70℃                                                                           |            |                                                                                     |  | -25~+70℃                                                                             |            |                                                                                      |  |
| ≤Sn±10%                                                                            |            |                                                                                     |  | ≤Sn±10%                                                                              |            |                                                                                      |  |
| -25~+80℃                                                                           |            |                                                                                     |  | -25~+80℃                                                                             |            |                                                                                      |  |
| 50MΩ 以上(DC 500V兆欧表),充电部整数和外壳之间                                                     |            |                                                                                     |  | 50MΩ 以上(DC 500V兆欧表),充电部整数和外壳之间                                                       |            |                                                                                      |  |
| 符合标准EN60947-5-2                                                                    |            |                                                                                     |  | 符合标准EN60947-5-2                                                                      |            |                                                                                      |  |
| IP68                                                                               |            |                                                                                     |  | IP68                                                                                 |            |                                                                                      |  |
| 电缆线2M; 外径 φ4.0mm                                                                   |            |                                                                                     |  | 电缆线2M; 外径 φ4.0mm / 4针M12连接器                                                          |            |                                                                                      |  |
| 外壳材料:不锈钢;检测面材料:陶瓷片                                                                 |            |                                                                                     |  | 外壳材料:不锈钢;检测面材料:陶瓷片                                                                   |            |                                                                                      |  |
| 注: 1,2,4,5为接线图号,请见05页。                                                             |            |                                                                                     |  | *: 为全功能输出型, 详见169页说明                                                                 |            |                                                                                      |  |