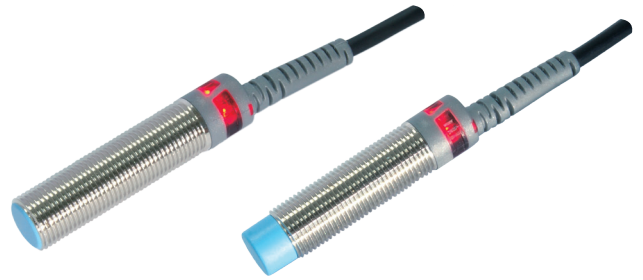


# M12 耐彎抗拉圓管型近接開關

# Tubular Inductive Proximity Sensor

## Characteristic / 特點 :

- Special line-out design for bending resistance and tensile. It will upgrade the durability and life.  
/ 獨特的出線包覆設計，抗拉、耐彎曲，提升耐用度和壽命。
- The IP67 rating is designed to the effective waterproof.  
/ 保護結構達到IP67的規格，能有效的防水。
- Surge suppressor and overload protection .  
/ 突波吸收，負載保護。



| Model / 型號                                    | NPN N.O. / N.C.<br>PNP N.O. / N.C. | PSC1202-NP                               | PSC1205-NP        |
|---|------------------------------------|--|-------------------|
| Sensing distance / 檢出距離                       |                                    | 2 mm ±10%                                | 5 mm ±10%         |
| Secure sensing distance / 建議距離                |                                    | 0 ~ 1.6 mm                               | 0 ~ 4 mm          |
| Standard sensing object / 標準檢測物               |                                    | Iron / 鐵 12 × 12 × 1mm                   |                   |
| Sensing type / 檢出方式                           |                                    | Shielded / 隔離型                           | Unshielded / 非隔離型 |
| Description / 外型                              |                                    | Standard M12 / 標準M12                     |                   |
| Hysteresis / 遲滯                               |                                    | ≤10 % of sensing distance / 檢測距離的 10 %以下 |                   |
| Response time / 反應頻率                          |                                    | 800 Hz                                   | 500 Hz            |
| Operating voltage / 工作電壓                      |                                    | DC12 ~ 30 V                              |                   |
| Current consumption / 消耗電流                    |                                    | ≤ 14 mA no-load                          |                   |
| Load current / 負載電流                           |                                    | 100 mA Max. at DC 24V                    |                   |
| Residual voltage / 殘餘電壓                       |                                    | ≤ DC 2V                                  |                   |
| Insulation resistance / 隔離阻抗                  |                                    | 20MΩ min. (DC500V)                       |                   |
| Voltage withstandability / 絕緣耐壓               |                                    | AC1000V 60Hz for 60 Sec.                 |                   |
| Operating temperature / 工作溫度                  |                                    | -20°C ~ + 60°C                           |                   |
| Protection degree / 防水等級                      |                                    | IP 67                                    |                   |
| Option / 選購配件                                 |                                    | M84R-2M-PVC / M84RL-2M PVC               |                   |
| Wiring method / 出線方式                          |                                    | N3/P3:Ø4.2x2M/4 wires                    | Ø4.2x2M/4 wires   |
| Weight / 重量                                   |                                    | 64g                                      | 65g               |
| <b>Wiring diagrams / 接線圖</b>                  |                                    |  |                   |
| <p style="text-align: center;"><b>-NP</b></p> |                                    |  |                   |
|   |                                    |  |                   |

M12

電感式 - 靜電容近接開關

Ø3  
Ø4  
M5  
Ø6  
M8  
M12  
M18  
M30

JM  
JN  
KND  
PN  
PND  
RN  
SN

SID  
SIR  
SIA

KC  
KCT  
KCP