

Rectangular Inductive Proximity Sensor **JN/JND**

◆Shape / 外觀 :



◆Specifications / 規格表 :

| Output method / 輸出模式 | NPN N.O. | JN02-N | JN02-ND | JND02-N | JND02-ND |
|---------------------------------|--------------------------------|-------------------------------------|-----------------------------|-------------------------------------|-------------------------------------|
| | NPN N.C. | - | - | - | - |
| | PNP N.O. | JN02-P | JN02-PD | JND02-P | JND02-PD |
| | PNP N.C. | - | - | - | - |
| | NPN N.O./N.C. PNP N.O./N.C. | - | - | - | - |
| | SCR N.O. | - | - | - | - |
| | SCR N.C. | - | - | - | - |
| Sensing Surface / 檢測方向 | Top surface / 前方 | | | Front surface / 上方 | |
| Standard sensing object / 標準檢測物 | Iron 8 x 8 x 1mm | | | Iron 8 x 8 x 1mm | |
| Sensing distance / 檢出距離 | 2 mm | | | 2 mm | |
| Secure sensing distance / 建議距離 | 0 to 1.6 mm | | | 0 to 1.6 mm | |
| Hysteresis / 遲滯 | ≤ 10 % of sensing distance | | | ≤ 10 % of sensing distance | |
| Response time / 反應時間 | 1 ms Max. | | | 1 ms Max. | |
| Operating voltage / 工作電壓 | DC 10 ~ 30V | | | DC 10 ~ 30V | |
| Current consumption / 消耗電流 | ≤ 8 mA no-load | | | ≤ 8 mA no-load | |
| Load current / 負載電流 | 100 mA Max at DC 30V | | | 100 mA Max at DC 30V | |
| Leakage current / 漏電流 | ≤ 1.1 mA no-load | | | ≤ 1.1 mA no-load | |
| Residual voltage / 殘餘電壓 | ≤ DC 1.5V | | | ≤ DC 1.5V | |
| Insulation resistance / 隔離阻抗 | 20M Ω min. (DC500V) | | | 20M Ω min. (DC500V) | |
| Voltage withstandability / 絕緣耐壓 | AC1000V 60Hz for 60 Sec. | | | AC1000V 60Hz for 60 Sec. | |
| Operating temperature / 工作溫度範圍 | -20 °C ~ +60 °C | | | -20 °C ~ +60 °C | |
| Protection degree / 防水等級 | IP 64 | IP 64 | IP 64 | IP 64 | IP 64 |
| Wiring method / 出線方式 | Pre-wire Ø3 x 2M/3-wires | M8 pigtailed type /M8 接頭15cm 電線式 | Pre-wire Ø3 x 2M/3-wires | M8 pigtailed type /M8 接頭15cm 電線式 | M8 pigtailed type /M8 接頭15cm 電線式 |
| Weight / 重量 | Approx.30g | Approx.10g | Approx.28g | Approx.10g | Approx.10g |

◆Dimensions/尺寸圖 :

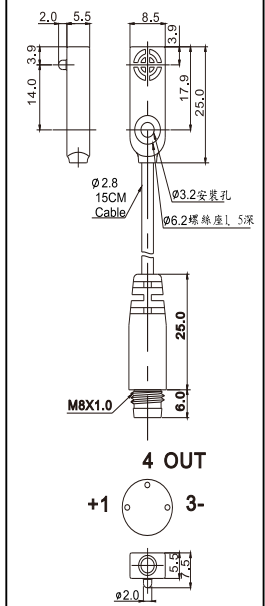
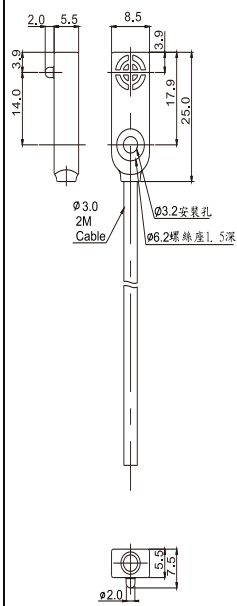
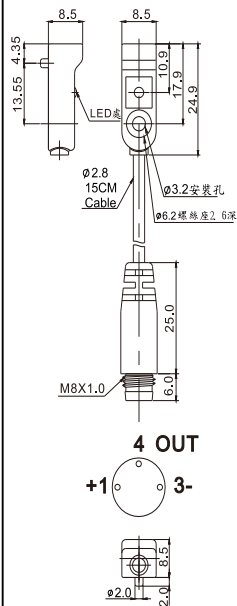
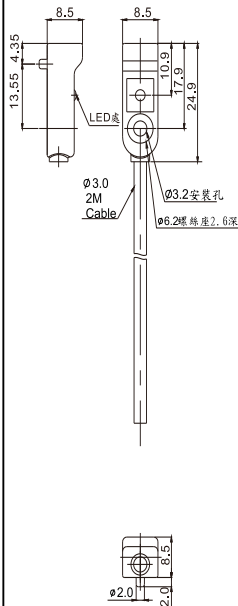


Photo Sensor

Area Sensor

Inductive Proximity Sensor

Capacitive Proximity Sensor

Timer / Counter

Others

Accessories