

JN/JND Rectangular Inductive Proximity Sensor

◆ Characteristic / 特點：

- Small dimension : 12x7x32mm.
/ 尺寸迷你，僅12x7x32mm。
- Front/ Upside sensing available.
/ 規格齊全：前方感應、上方感應。
- M8 3pin connector model available.
/ M8 3pin 接頭式，配線方便。
- Sensing distance up to 4mm./ 檢測距離4mm。
- Single screw hole fixing./ 單螺絲方便固定。



◆ Specifications / 規格表：

Output method /輸出模式	NPN N.O.	JN04-N	JN04-ND	JND04-N	JND04-ND
	NPN N.C.	JN04-N2	JN04-N2D	JND04-N2	JND04-N2D
	PNP N.O.	JN04-P	JN04-PD	JND04-P	JND04-PD
	PNP N.C.	JN04-P2	JN04-P2D	JND04-P2	JND04-P2D
Sensing distance / 檢出距離	4 mm			4 mm	
Secure sensing distance / 建議距離	0 to 3.2 mm			0 to 3.2 mm	
Standard sensing object / 標準檢測物	Iron 12 x 12 x 1mm			Iron 12 x 12 x 1mm	
Sensing Surface / 檢測方向	Top surface / 前方			Front surface / 上方	
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 12 ~ 24V			DC 12 ~ 24V	
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 24V			100 mA Max. at DC 24V	
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	
Wiring method / 出線方式	Pre-wire Ø3 x 2M/3-wires			Pre-wire Ø3 x 2M/3-wires	
Weight / 重量	Approx.26g			Approx.26g	

◆ Dimensions / 尺寸圖： (unit:mm)

