

# JN/JND Rectangular Inductive Proximity Sensor

## ◆Shape / 外觀 :



## ◆Specifications / 規格表 :

Output method / 輸出模式	NPN N.O.	<b>JN04-N</b>	<b>JN04-ND</b>	<b>JND04-N</b>	<b>JND04-ND</b>
	NPN N.C.	<b>JN04-N2</b>	<b>JN04-N2D</b>	<b>JND04-N2</b>	<b>JND04-N2D</b>
	PNP N.O.	<b>JN04-P</b>	<b>JN04-PD</b>	<b>JND04-P</b>	<b>JND04-PD</b>
	PNP N.C.	<b>JN04-P2</b>	<b>JN04-P2D</b>	<b>JND04-P2</b>	<b>JND04-P2D</b>
	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 12 x 12 x 1mm		Iron 12 x 12 x 1mm		
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		
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		
	M8 pigtailed type /M8 接頭15cm 電線式		M8 pigtailed type /M8 接頭15cm 電線式		
	Approx.6g		Approx.6g		

## ◆Dimensions / 尺寸圖 :

