

**RN**

# Rectangular Inductive Proximity Sensor

**◆Characteristic/特點：**

- 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
- Build-in twin LED, convenient for checking the operation.  
/具有雙LED，檢測操作更方便
- Plug-in connector type is available, easy to connect, anyone can replace the new sensor in a minute.  
/插入式接線，安裝更換很容易
- Oval hole for easy installation and adjustment.  
/具有長形孔，可容易微調安裝

**◆Specifications / 規格表：**

Output method 輸出模式	NPN N.O.	RN04-N	RN04-ND1
	NPN N.C.	RN04-N2	-
	PNP N.O.	RN04-P	RN04-PD1
	PNP N.C.	RN04-P2	-
Sensing Surface / 檢測方向		Top surface / 前方	
Standard sensing object / 標準檢測物		Iron 18x18x1mm	
Sensing distance / 檢出距離		5mm	
Secure sensing distance / 建議距離		0to4mm	
Hysteresis / 滯滯		≤ 10% of sensing distance	
Response time / 反應時間		2ms Max	
Operating voltage / 工作電壓		DC 10 ~ 30V	
Current consumption / 消耗電流		≤ 8 mA no-load	
Load current / 負載電流		100 mA Max at DC 30V	
Leakage current / 漏電流		≤ 1.1 mA no-load	
Residual voltage / 殘餘電壓		≤ DC 1.5V	
Insulation resistance / 隔離阻抗		20M Ω min. (DC500V)	
Voltage withstandability / 絕緣耐壓		AC1000V 60Hz for 60 Sec.	
Operating temperature / 工作溫度範圍		-20°C ~ +60°C	
Protection degree / 防水等級		IP64 / IP67 (Option)	
Wiring method / 出線方式		Ø4.2 x 2M / 3wires	M8 connector / M8 接頭
Weight / 重量		Approx.60g	Approx.12g

**◆Dimensions/尺寸圖：**