

# Rectangular Inductive Proximity Sensor

# RN

## ◆Characteristics

- The IP67 rating is designed to the effective waterproof.
- Build-in twin LED, convenient for checking the operaton.
- Plug-in connector type is available, easy to connect, anyone can replace the new sensor in a minute.



## ◆Specifications /

Output method	NPN N.O.	<b>RN04-N</b>	<b>RN04-ND1</b>
	NPN N.C.	<b>RN04-N2</b>	-
	PNP N.O.	<b>RN04-P</b>	<b>RN04-PD1</b>
	PNP N.C.	<b>RN04-P2</b>	-
Sensing Surface /	Top surface /		
Standard sensing object /	Iron 18x18x1mm		
Sensing distance /	5mm		
Secure sensing distance /	0to4mm		
Hysteresis /	≤10% of sensing distance		
Response time /	2ms Max		
Operating voltage /	DC 10 ~ 30V		
Current consumption /	≤8 mA no-load		
Load current /	100 mA Max at DC 30V		
Leakage current /	≤1.1 mA no-load		
Residual voltage /	≤ DC 1.5V		
Insulation resistance /	20M Ω min. (DC500V)		
Voltage withstandability /	AC1000V 60Hz for 60 Sec.		
Operating temperature /	-20℃ ~ +60℃		
Protection degree /	IP64 / <b>IP67 (Option)</b>		
Wiring method /	Ø4.2 x 2M / 3wires	M8 connector / M8	
Weight /	Approx.60g	Approx.12g	

## ◆Dimensions/

