

## ◆ Characteristic :

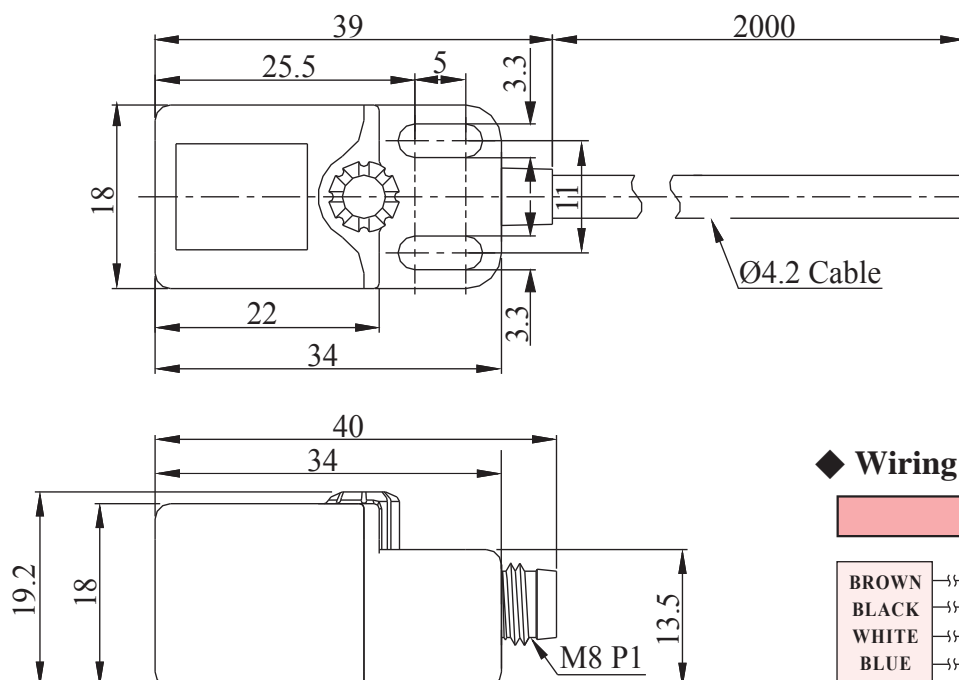
- The IP67 rating is designed to the effective waterproof.
- Build-in twin LED, convenient for checking the operation.
- Plug-in connector type is available, easy to connect, anyone can replace the new sensor in a minute.
- Oval hole for easy installation and adjustment.



## ◆ Specifications :

Output method	NPN N.O.	RN04-N	RN04-ND1
	PNP N.O.	RN04-P	RN04-PD1
	NPN N.O./N.C. PNP N.O./N.C.	RN04-NP	-
Sensing distance	5mm		
Secure sensing distance	0to4mm		
Standard sensing object	Iron 18x18x1mm		
Sensing Surface	Top surface		
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°C ~ +60°C		
Protection degree	IP64 / IP67 (Option)		
Wiring method	N/P : Ø4.2 x 2M / 3wires NP : Ø4.2 x 2M / 4wires		M8 connector
Weight	Approx.60g		Approx.12g

## ◆ Dimensions : (unit:mm)



## ◆ Wiring diagrams :

