

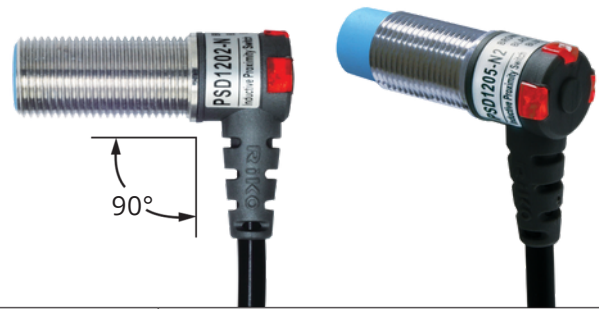
Tubular Inductive Proximity Sensor

M12



Characteristic :

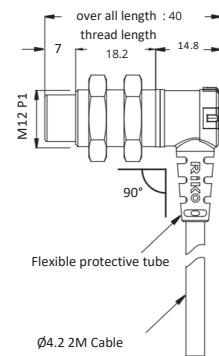
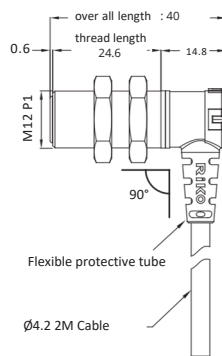
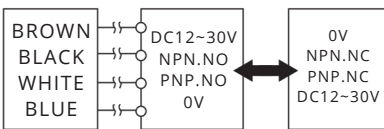
- 90 degree wiring saving space.
- Anti-bending connection design.
- Surge suppressor and overload protection.



Model	NPN N.O. / N.C. PNP N.O. / N.C.	PSD1202-NP	PSD1205-NP
Sensing distance		2 mm ±10%	5 mm ±10%
Secure sensing distance		0 ~ 1.6 mm	0 ~ 4.0 mm
Standard sensing object		Iron / 12 × 12 × 1mm	
Sensing type		Shielded	Unshielded
Description		Standard M12	
Hysteresis		≤ 10 % of sensing distance	
Response time		500 Hz	
Operating voltage		DC12 ~ 30 V	
Current consumption		≤ 14 mA no-load	
Load current		100 mA Max. at DC 24V	
Residual voltage		≤ DC 2V	
Insulation resistance		20MΩ min. (DC500V)	
Voltage withstandability		AC1000V 60Hz for 60 Sec.	
Operating temperature		-20°C ~ + 60°C	
Protection degree		IP 67	
Option		M84R-2M-PVC / M84RL-2M PVC	
Wiring method		Ø4.2 x 2M / 4 wires	Ø4.2 x 2M / 4 wires
Weight		60g	56g

Wiring diagrams

-NP



M12

- Ø3
- Ø4
- M5
- Ø6
- M8
- M12
- M18
- M30

- JM
- JN
- KND
- PN
- PND
- RN
- SN

- SID
- SIR
- SIA

- KC
- KCT
- KCP