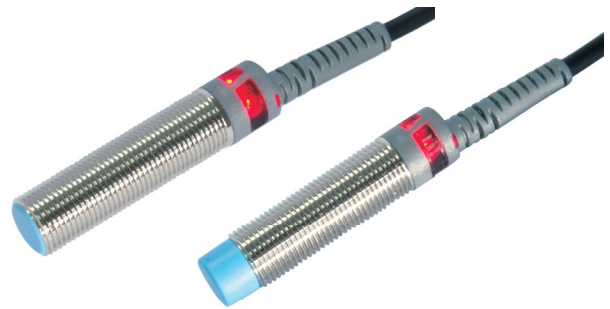


## Characteristic :

- Special line-out design for bending resistance and tensile.it will upgrade the durability and life.
- The IP67 rating is designed to the effective waterproof.
- DC 2-wire output model available.
- NP model : NPN+PNP NO/NC 4-in-1 outputs.



## Specifications :

Output method	NPN N.O.	PSC1203-N	PSC1203-ND	PSC1206-N	PSC1206-ND
	PNP N.O.	PSC1203-P	PSC1203-PD	PSC1206-P	PSC1206-PD
	NPN N.O./N.C. PNP N.O./N.C.	PSC1202-NP	PSC1202-NPB	PSC1205-NP	PSC1205-NPB
	2 WIRES N.O.	PSC1202-C	—	PSC1205-C	—
	2 WIRES N.C.	PSC1202-C2	—	PSC1205-C2	—
Sensing distance		3 mm / 2 mm / 2 mm		6 mm / 5 mm / 5 mm	
Secure sensing distance		0 to 2.4 mm / 0 to 1.6 mm / 0 to 1.6 mm		0 to 4.8 mm / 0 to 4 mm / 0 to 4 mm	
Standard sensing object		Iron 12 × 12 × 1 mm			
Sensing type		Shielded		Unshielded	
Description		Standard M12			
Hysteresis		≤ 10 % of sensing distance			
Response time		1 ms Max.			
Operating voltage		DC 12 ~ 24 V / DC 24 V±10%			
Current consumption		≤ 14 mA no-load (Not for C/ C2)			
Load current		100 mA Max. at DC 24V			
Leakage current		≤ 1.1 mA no-load / ≤ 0.7 mA no-active			
Residual voltage		≤ DC 2V / ≤ DC 7V			
Insulation resistance		20MΩ min. (DC500V)			
Voltage withstandability		AC1000V 60Hz for 60 Sec.			
Operating temperature		-20℃ ~ + 60℃			
Protection degree		IP 67			

Wiring method	N/P:Ø4.2x2M/3-wires NP:Ø4.2x2M/4-wires 2W:Ø4.2x2M/2-wires	M8 pigtailed type	N/P:Ø4.2x2M/3-wires NP:Ø4.2x2M/4-wires 2W:Ø4.2x2M/2-wires	M8 pigtailed type
Weight	Approx.64g	Approx.48.4g	Approx.65g	Approx.49.4g

## Dimensions (unit:mm)

## Wiring diagrams

