

## 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.
- Surge suppressor and overload protection .



Model	NPN N.O. / N.C. PNP N.O. / N.C.	PSC1805-NP	PSC1808-NP
Sensing distance		5 mm ±10%	8 mm ±10%
Secure sensing distance		0 ~ 4.0 mm	0 ~ 9.6 mm
Standard sensing object		Iron / 18× 18 × 1 mm	
Sensing type		Shielded	Unshielded
Description		Standard M18	
Hysteresis		≤ 10 % of sensing distance	
Response time		600 Hz	
Operating voltage		DC 12 ~ 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		M124R-PVC-2M	
Wiring method		Ø5.2 x 2M / 4 wires	Ø5.2 x 2M / 4 wires
Weight		93g	92g
<b>Wiring diagrams</b>			
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