

## 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.	PSC1202-NP	PSC1205-NP
Sensing distance		2 mm ±10%	5 mm ±10%
Secure sensing distance		0 ~ 1.6 mm.	0 ~ 4 mm
Standard sensing object		Iron / 12 × 12 × 1mm	
Sensing type		Shielded	Unshielded
Description		Standard M12	
Hysteresis		≤10 % of sensing distance	
Response time		800 Hz	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		N3 / P3 : Ø4.2 x 2M / 4 wires	Ø4.2 x 2M / 4 wires
Weight		64g	65g
<b>Wiring diagrams</b>			
<b>-NP</b>			

M12

Ø3  
 Ø4  
 M5  
 Ø6  
 M8  
 M12  
 M18  
 M30

JM  
 JN  
 KND  
 PN  
 PND  
 RN  
 SN

SID  
 SIR  
 SIA

KC  
 KCT  
 KCP