

## Characteristic :

- Special line-out design for bending resistance and tensile. it will upgrade the durability and life.
- The IP67 rating is designed to be 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°C ~ + 60°C				
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	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>-NP</b></p> <p><b>-NPB</b></p> </div> <div style="width: 45%;"> </div> </div>				

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Inductive / Capacitive Proximity Sensor

PSD18-LA/LV  
PSC18-LA/LV  
SC18-LA/LV

HPD  
HPS

Ø4  
M5  
Ø6  
M8  
M12  
M18  
M30

JN  
JND  
KND  
PN  
PND  
RN  
SN  
TSN

SID  
SIR  
SIA

PKC  
KC  
KCM  
KCP