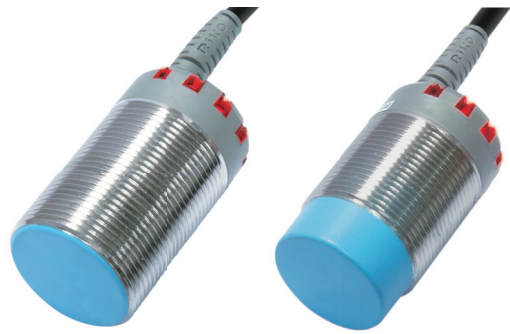


Characteristic :

- Special line-out design for bending resistance and tensile.it will upgrade the durability and life.
- M30 sensing distance up to 25mm.
- The IP67 rating is designed to the effective waterproof.
- NP model : NPN+PNP NO/NC 4-in-1 outputs.



Specifications

Output method	NPN N.O.	PSC3012-N	PSC3012-NK	PSC3018-N	PSC3018-NK
	PNP N.O.	PSC3012-P	PSC3012-PK	PSC3018-P	PSC3018-PK
	NPN N.O./N.C. PNP N.O./N.C.	PSC3010-NP	PSC3010-NPK	PSC3018-NP PSC3025-NP	PSC3018-NPK PSC3025-NPK
	2 WIRES N.O.	-	-	-	-
	2 WIRES N.C.	-	-	-	-
Sensing distance	12mm / 10mm		18mm / 18mm / 25mm		
Secure sensing distance	0 to 9.6mm / 0 to 8mm		0 to 14.4 mm / 0 to 14.4mm / 0 to 20mm		
Standard sensing object	Iron 30x 30 x 1 mm				
Sensing type	Shielded		Unshielded /		
Description	Standard M30				
Hysteresis	≤ 10 % of sensing distance / ≤ 15 % of sensing distance				
Response time	3.3 ms Max. / 5 ms Max.				
Operating voltage	DC 12 ~ 24 V				
Current consumption	≤ 16 mA no-load / ≤ 8 mA no-load				
Load current	100 mA Max. at DC 24V				
Leakage current	≤ 1.1 mA no-load				
Residual voltage	≤ DC 2V / ≤ DC 1.5V				
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:Ø5.2x2M/3-wires NP:Ø5.2x2M/4-wires	M12 pigtailed type	N/P:Ø5.2x2M/3-wires NP:Ø5.2x2M/3-wires	M12 pigtailed type	
Weight	Approx.141g	Approx.88.5g	Approx.129g	Approx.76.5g	
<h3>◆ Dimensions (unit:mm)</h3>					
<h3>◆ Wiring diagrams</h3>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>-NP</p> <p>BROWN → DC12~24V BLACK → NPN.NO WHITE → PNP.NO BLUE → 0V</p> <p>0V → NPN.NC DC12~24V → PNP.NC</p> </div> <div style="width: 45%;"> <p>-NPK</p> <p>(1) BROWN → DC12~24V (2) WHITE → PNP.NO (3) BLUE → NPN.NO (4) BLACK → PNP.NC</p> <p>0V → NPN.NC DC12~24V → PNP.NC</p> </div> </div>				