

Characteristic :

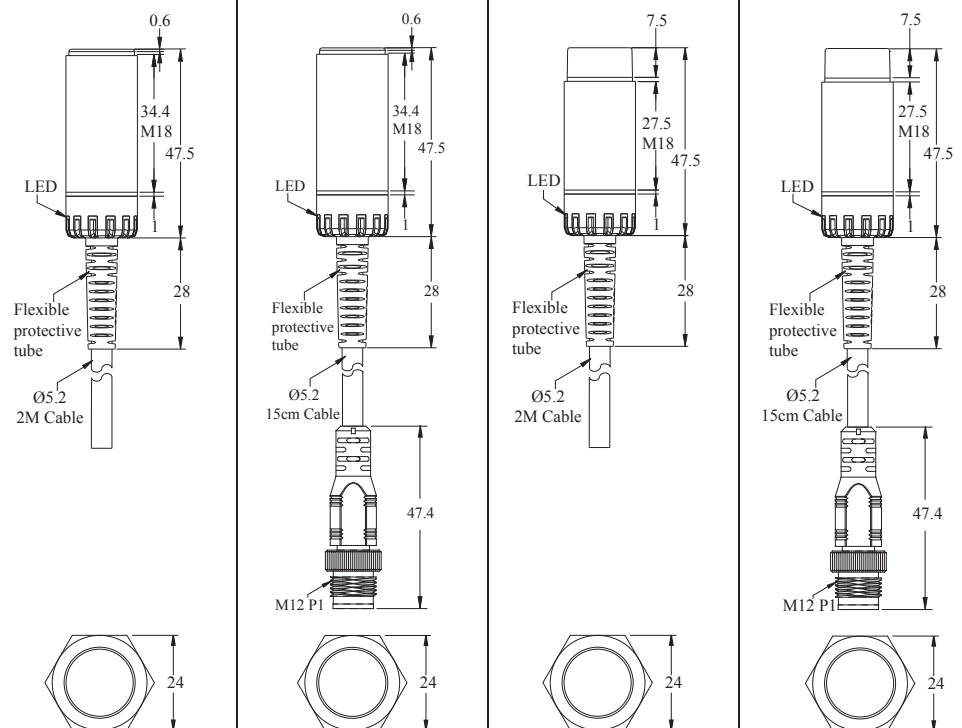
- Special line-out design for bending resistance and tensile.it will upgrade the durability and life.
- The IP67 rating is designed to the effective waterproof.
- NP model : NPN+PNP NO/NC 4-in-1 outputs.



Specifications

Output method	NPN N.O.	PSC1806-N	PSC1806-NK	PSC1812-N	PSC1812-NK
	PNP N.O.	PSC1806-P	PSC1806-PK	PSC1812-P	PSC1812-PK
	NPN N.O./N.C. PNP N.O./N.C.	PSC1805-NP	PSC1805-NPK	PSC1808-NP	PSC1808-NPK
	2 WIRES N.O.	-	-	-	-
	2 WIRES N.C.	-	-	-	-
Sensing distance	6 mm / 5 mm		12 mm / 8 mm		
Secure sensing distance	0 to 4.8 mm / 0 to 4.0 mm		0 to 9.6 mm / 0 to 6.4 mm		
Standard sensing object	Iron 18× 18 × 1 mm				
Sensing type	Shielded		Unshielded		
Description	Standard M18				
Hysteresis	≤ 10 % of sensing distance				
Response time	2 ms Max.				
Operating voltage	DC 12 ~ 24 V				
Current consumption	≤ 14 mA no-load				
Load current	100 mA Max. at DC 24V				
Leakage current	≤ 1.1 mA no-load				
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				
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/4-wires	M12 pigtailed type	
Weight	Approx.93g	Approx.40.5g	Approx.92g	Ap prox.39.5g	

Dimensions (unit:mm)



Wiring diagrams

