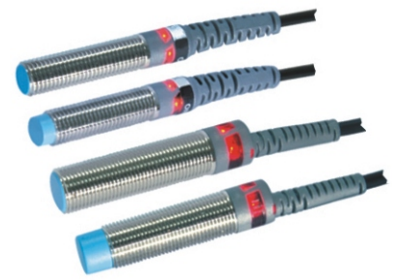
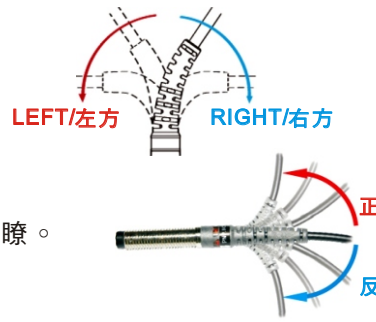


# PX-SC Anti-Bending Inductive Proximity Sensor (耐彎保護型近接)



## Features

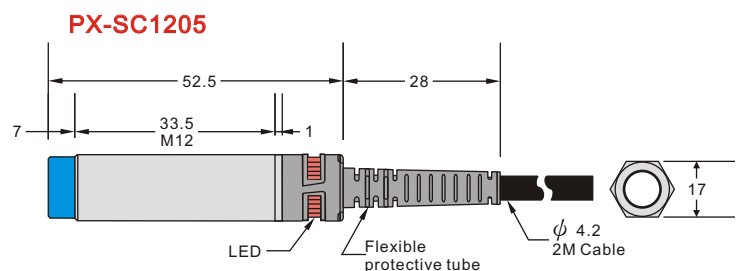
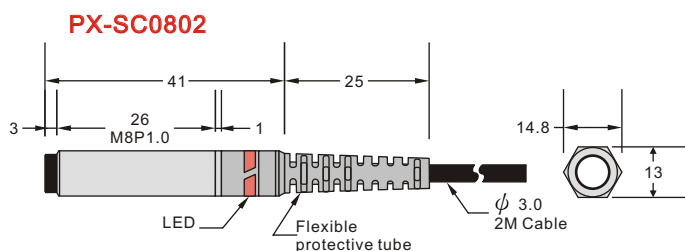
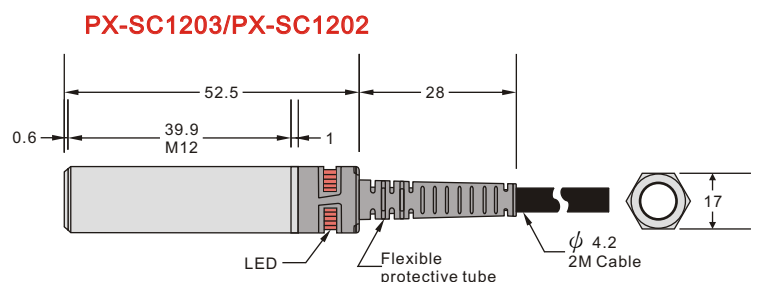
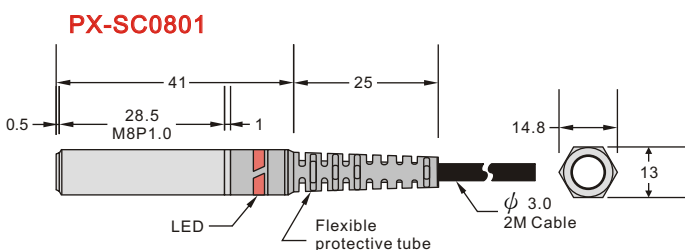
- 獨特的出線包覆設計，抗拉、耐彎曲，提升耐用度和壽命。
- 保護結構達到 IP67 的規格，能有效防水。
- 清晰易見的 LED 指示燈，工作狀態顯露明瞭。



## Specifications

Output method	NPN.NO	PX-SC0801-N	PX-SC0802-N	-	PX-SC1203-N	-
	PNP.NO	PX-SC0801-P	PX-SC0802-P	-	PX-SC1203-P	-
	NPN N.O./N.C. PNP N.O./N.C.	PX-SC0801-K	PX-SC0802-K	PX-SC1202-K	-	PX-SC1205-K
Sensing type		Shielded	Unshielded	Shielded	Shielded	Unshielded
Standard sensing object		Iron 8 × 8 × 1 mm		Iron 12 × 12 × 1 mm		
Sensing distance		1 mm	2 mm	2 mm	3 mm	5 mm
Secure sensing distance		0 to 0.8 mm	0 to 1.6 mm	0 to 1.6 mm	0 to 2.4 mm	0 to 4 mm
Hysteresis		≤ 10 % of sensing distance		≤ 10 % of sensing distance		
Response time		1 ms Max.		DC Type 1 ms Max.		
Operating voltage		DC12 ~ 24 V		DC12 ~ 24 V		
Current consumption		N/P: ≤ 8 mA no-load, K: ≤ 5 mA no-load		NP: ≤ 14 mA no-load, K: ≤ 5 mA no-load		
Load current		100 mA Max at DC 24V		100 mA Max at DC 24V		
Leakage current		≤ 1.1 mA no-load		≤ 1.1 mA no-load		
Residual voltage		≤ DC 2V		≤ DC 2V		
Insulation resistance		20MΩ min. (DC500V)		20MΩ min. (DC500V)		
Voltage withstandability		AC1000V 60Hz for 60 Sec.		AC1000V 60Hz for 60 Sec.		
Operating temperature		-20°C ~ + 60°C		-20°C ~ + 60°C		
Protection degree		IP 67		IP 67		
Wiring method		N/P: φ 3 x 2M / 3-wires, K: φ 3 x 2M / 4-wires		N/P: φ 4.2 x 2M / 3-wires, K: φ 4.2 x 2M / 4-wires		
Weight		Approx. 30g		Approx. 64g	Approx. 64g	Approx. 65g

## Dimensions (Unit:mm)



## Wiring diagrams

