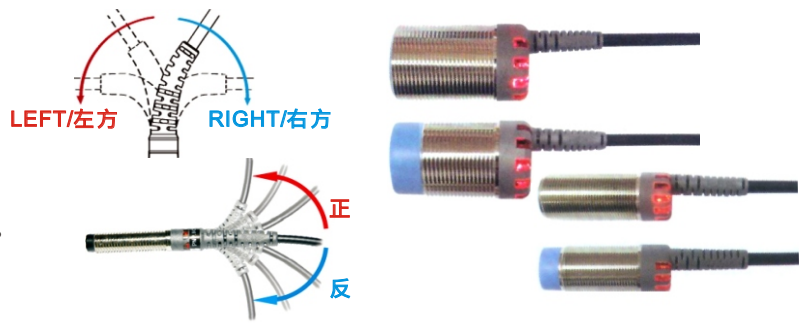


# PX-SC Anti-Bending Inductive Proximity Sensor (耐彎保護型近接)



## Features

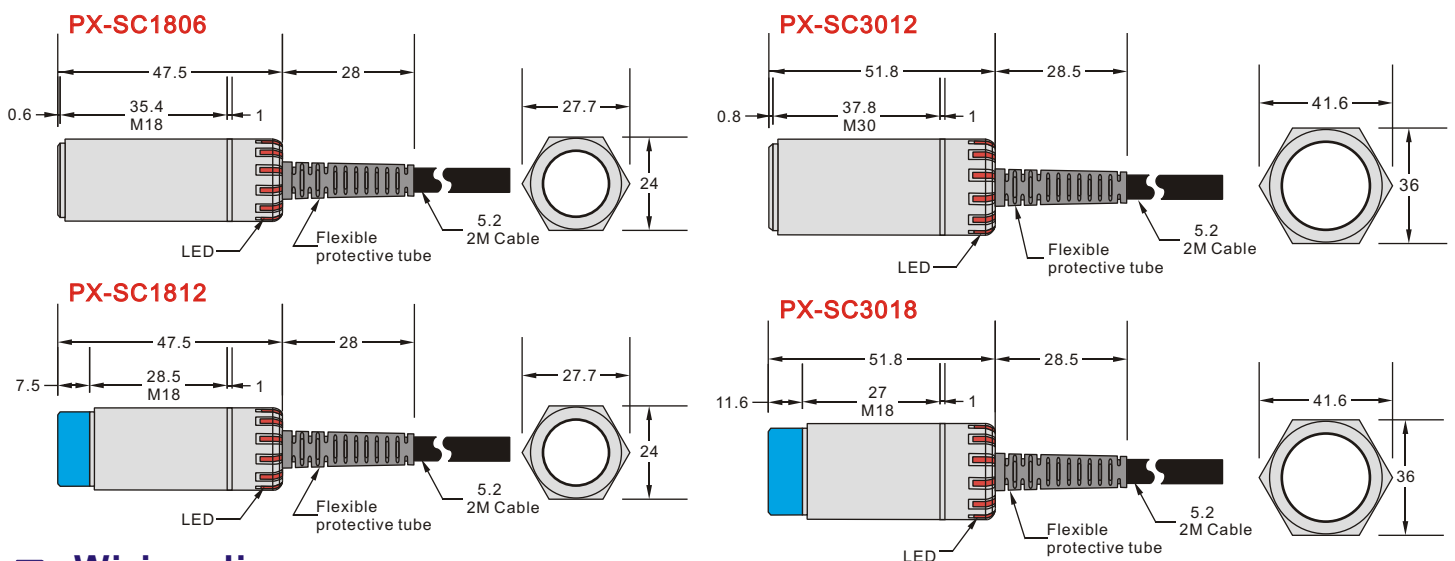
- 獨特的出線包覆設計，抗拉、耐彎曲，提升耐用度和壽命。
- 保護結構達到 IP67 的規格，能有效防水。
- 清晰易見的 LED 指示燈，工作狀態顯露明瞭。



## Specifications

Output method	NPN.NO	PX-SC1806-N	PX-SC1812-N	PX-SC3012-N	PX-SC3018-N
	NPN.NC	PX-SC1806-N2	PX-SC1812-N2	PX-SC3012-N2	PX-SC3018-N2
	PNP.NO	PX-SC1806-P	PX-SC1812-P	PX-SC3012-P	PX-SC3018-P
	PNP.NC	PX-SC1806-P2	PX-SC1812-P2	PX-SC3012-P2	PX-SC3018-P2
Sensing type	Shielded		Unshielded		
Standard sensing object	Iron 18 x 18 x 1 mm			Iron 30 x 30 x 1 mm	
Sensing distance	6 mm	12 mm	12 mm	18 mm	
Secure sensing distance	0 to 4.8 mm	0 to 9.6 mm	0 to 9.6 mm	0 to 14.4 mm	
Hysteresis	10 % of sensing distance				
Response time	2 ms Max.			3.3 ms Max.	
Operating voltage	DC12 ~ 24 V			DC12 ~ 24 V	
Current consumption	14 mA no-load			16 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	20M min. (DC500V)			20M min. (DC500V)	
Voltage withstandability	AC1000V 60Hz for 60 Sec.			AC1000V 60Hz for 60 Sec.	
Operating temperature	-20 ~ + 60			-20 ~ + 60	
Protection degree	IP 67			IP 67	
Wiring method	5.2 x 2M / 3-wires			5.2 x 2M / 3-wires	
Weight	Approx. 93g	Approx. 92g	Approx. 141g	Approx. 129g	

## Dimensions (Unit:mm)



## Wiring diagrams

