

Characteristic / 特點：

- Special line-out design for bending resistance and tensile. it will upgrade the durability and life.
/ 獨特的出線包覆設計，抗拉、耐彎曲，提升耐用度和壽命。
- The IP67 rating is designed to the effective waterproof.
/ 保護結構達到IP67的規格，能有效的防水。
- DC 2-wire output model available.
/ DC二線式輸出，省配線。
- NP model: NPN+PNP NO/NC 4-in-1 outputs.
/ 新型NP電路：NPN/PNP NO/NC All in one.



Specifications / 規格表：

Output method 輸出模式	NPN N.O.	PSC0801-N	PSC0801-ND	PSC0802-N	PSC0802-ND
	PNP N.O.	PSC0801-P	PSC0801-PD	PSC0802-P	PSC0802-PD
	NPN N.O./N.C. PNP N.O./N.C.	PSC0801-NP	PSC0801-NPB	PSC0802-NP	PSC0802-NPB
	2 WIRES N.O.	PSC0801-C	—	PSC0802-C	—
	2 WIRES N.C.	PSC0801-C2	—	PSC0802-C2	—
Sensing distance / 檢出距離		1 mm		2 mm	
Secure sensing distance / 建議距離		0 to 0.8 mm		0 to 1.6 mm	
Standard sensing object / 標準檢測物		Iron 8 × 8 × 1 mm			
Sensing type / 檢出方式		Shielded / 隔離型		Unshielded / 非隔離	
Description / 外型		Standard M8 / 標準M8			
Hysteresis / 遲滯		≤ 10 % of sensing distance			
Response time / 反應時間		1 ms Max.			
Operating voltage / 工作電壓		DC12 ~ 24 V / DC24 V±10%			
Current consumption / 消耗電流		≤ 8 mA no-load (Not for C/ C2)			
Load current / 負載電流		100 mA Max. at DC 24V			
Leakage current / 漏電流		≤ 1.1 mA no-load / ≤ 0.7 mA no-active			
Residual voltage / 殘餘電壓		≤ DC 2V / ≤ DC 7V			
Insulation resistance / 隔離阻抗		20MΩ min. (DC500V)			
Voltage withstandability / 絕緣耐壓		AC1000V 60Hz for 60 Sec.			
Operating temperature / 工作溫度		-20℃ ~ + 60℃			
Protection degree / 防水等級		IP 67			
Wiring method / 出線方式		N/P:Ø3x2M/3-wires NP:Ø3x2M/4-wires 2W:Ø3x2M/2-wires	M8 pigtailed type / M8接頭15cm電線式	N/P:Ø3x2M/3-wires NP:Ø3x2M/4-wires 2W:Ø3x2M/2-wires	M8 pigtailed type / M8接頭15cm電線式
Weight / 重量		Approx.30g	Approx.12g	Approx.30g	Approx.12g
◆ Dimensions / 尺寸圖： (unit:mm)					
◆ Wiring diagrams / 接線圖：					
-NP BROWN BLACK WHITE BLUE DC12~24V NPN.NO PNP.NO 0V 0V NPN.NC PNP.NC DC12~24V -NPB (1) (2) (4) (3) DC12~24V PNP.NO NPN.NO 0V 0V PNP.NC NPN.NC DC12~24V (1)BROWN (2)WHITE (3)BLUE (4)BLACK		0.5 28.5 M8 P1 41 25 Ø3 2M Cable Flexible protective tube LED 14.8 13 0.5 28.5 M8 P1 41 25 Ø3 15cm Cable Flexible protective tube LED 14.8 13 3 26 M8 P1 41 25 Ø3 2M Cable Flexible protective tube LED 14.8 13 3 26 M8 P1 41 25 Ø3 15cm Cable Flexible protective tube LED 14.8 13			