

## ◆ 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.	<b>PSC0801-N</b>	<b>PSC0801-ND</b>	<b>PSC0802-N</b>	<b>PSC0802-ND</b>
	PNP N.O.	<b>PSC0801-P</b>	<b>PSC0801-PD</b>	<b>PSC0802-P</b>	<b>PSC0802-PD</b>
	NPN N.O./N.C. PNP N.O./N.C.	<b>PSC0801-NP</b>	<b>PSC0801-NPB</b>	<b>PSC0802-NP</b>	<b>PSC0802-NPB</b>
	2 WIRES N.O.	<b>PSC0801-C</b>	—	<b>PSC0802-C</b>	—
	2 WIRES N.C.	<b>PSC0801-C2</b>	—	<b>PSC0802-C2</b>	—
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 / <b>DC24 V ± 10%</b>				
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 / ≤ <b>0.7 mA no-active</b>				
Residual voltage / 殘餘電壓	≤ DC 2V / ≤ <b>DC 7V</b>				
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°C ~ + 60°C				
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 :

