

◆ 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°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 :	<p>-NP</p> <p>-NPB</p>				

Inductive / Capacitive Proximity Sensor

PSD18-LA/LV
PSC18-LA/LV
SC18-LA/LV

HPD
HPS

Ø4
M5
Ø6
M8
M12
M18
M30

JN
JND
KND
PN
PND
RN
SN
TSN

SID
SIR
SIA

PKC
KC
KCM
KCP