

◆ 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.	PSC1203-N	PSC1203-ND	PSC1206-N	PSC1206-ND																																								
	PNP N.O.	PSC1203-P	PSC1203-PD	PSC1206-P	PSC1206-PD																																								
	NPN N.O./N.C. PNP N.O./N.C.	PSC1202-NP	PSC1202-NPB	PSC1205-NP	PSC1205-NPB																																								
	2 WIRES N.O.	PSC1202-C	—	PSC1205-C	—																																								
	2 WIRES N.C.	PSC1202-C2	—	PSC1205-C2	—																																								
Sensing distance / 檢出距離		3 mm / 2 mm / 2 mm		6 mm / 5 mm / 5 mm																																									
Secure sensing distance / 建議距離		0 to 2.4 mm / 0 to 1.6 mm / 0 to 1.6 mm		0 to 4.8 mm / 0 to 4 mm / 0 to 4 mm																																									
Standard sensing object / 標準檢測物		Iron 12 × 12 × 1 mm																																											
Sensing type / 檢出方式		Shielded / 隔離型		Unshielded / 非隔離																																									
Description / 外型		Standard M12 / 標準M12																																											
Hysteresis / 遲滯		≤ 10 % of sensing distance																																											
Response time / 反應時間		1 ms Max.																																											
Operating voltage / 工作電壓		DC 12 ~ 24 V / DC 24 V±10%																																											
Current consumption / 消耗電流		≤ 14 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:Ø4.2x2M/3-wires NP:Ø4.2x2M/4-wires 2W:Ø4.2x2M/2-wires	M8 pigtailed type / M8接頭15cm電線式	N/P:Ø4.2x2M/3-wires NP:Ø4.2x2M/4-wires 2W:Ø4.2x2M/2-wires	M8 pigtailed type / M8接頭15cm電線式																																								
Weight / 重量		Approx.64g	Approx.48.4g	Approx.65g	Approx.49.4g																																								
◆ Dimensions / 尺寸圖： (unit:mm)																																													
◆ Wiring diagrams / 接線圖：		-NP <table><tr><td>BROWN</td><td>↔</td><td>DC12~24V</td><td>↔</td><td>0V</td></tr><tr><td>BLACK</td><td>↔</td><td>NPN.NO</td><td>↔</td><td>NPN.NC</td></tr><tr><td>WHITE</td><td>↔</td><td>PNP.NO</td><td>↔</td><td>PNP.NC</td></tr><tr><td>BLUE</td><td>↔</td><td>0V</td><td>↔</td><td>DC12~24V</td></tr></table> -NPB <table><tr><td>(1)</td><td>↔</td><td>DC12~24V</td><td>↔</td><td>0V</td></tr><tr><td>(2)</td><td>↔</td><td>PNP.NO</td><td>↔</td><td>PNP.NC</td></tr><tr><td>(4)</td><td>↔</td><td>NPN.NO</td><td>↔</td><td>NPN.NC</td></tr><tr><td>(3)</td><td>↔</td><td>0V</td><td>↔</td><td>DC12~24V</td></tr></table> (1)BROWN (3)BLUE (2)WHITE (4)BLACK				BROWN	↔	DC12~24V	↔	0V	BLACK	↔	NPN.NO	↔	NPN.NC	WHITE	↔	PNP.NO	↔	PNP.NC	BLUE	↔	0V	↔	DC12~24V	(1)	↔	DC12~24V	↔	0V	(2)	↔	PNP.NO	↔	PNP.NC	(4)	↔	NPN.NO	↔	NPN.NC	(3)	↔	0V	↔	DC12~24V
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