

# M18 耐彎抗拉圓管型近接開關

# Tubular Inductive Proximity Sensor

### 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。



Model / 型號	NPN N.O. / N.C. PNP N.O. / N.C.	PSC1805-NP	PSC1805-NPK	PSC1808-NP	PSC1808-NPK
Sensing distance / 檢出距離		5 mm ±10%		8 mm ±10%	
Secure sensing distance / 建議距離		0 ~ 4.0 mm		0 ~ 6.4 mm	
Standard sensing object / 標準檢測物		Iron / 鐵 18× 18 × 1 mm			
Sensing type / 檢出方式		Shielded / 隔離型		Unshielded / 非隔離	
Description / 外型		Standard M18 / 標準M18			
Hysteresis / 遲滯		≤10 % of sensing distance / 檢測距離的 10 %以下			
Response time / 反應頻率		max 2 ms			
Operating voltage / 工作電壓		DC 12 ~ 24 V			
Current consumption / 消耗電流		≤ 14 mA no-load			
Load current / 負載電流		100 mA Max. at DC 24V			
Residual voltage / 殘餘電壓		≤ DC 2V			
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			
Option / 選購配件		M124R-PVC-2M			
Wiring method / 出線方式		Ø5.2x2M/ 4wires	M12 pigtailed type / M12 出線式接頭型	Ø5.2x2M/ 4wires	M12 pigtailed type / M12 出線式接頭型
Weight / 重量		93g	40.5g	92g	39.5g
Wiring diagrams / 接線圖					
-NP					
<div><div><div>BROWN</div><div>BLACK</div><div>WHITE</div><div>BLUE</div></div><div><div>DC12~30V</div><div>NPN.NO</div><div>PNP.NO</div><div>0V</div></div><div><div>↔</div></div><div><div>0V</div><div>NPN.NC</div><div>PNP.NC</div><div>DC12~30V</div></div></div>					
-NPK					
<div><div><div>(1)</div><div>(2)</div><div>(4)</div><div>(3)</div></div><div><div>DC10~30V</div><div>PNP.NO</div><div>NPN.NO</div><div>0V</div></div><div><div>↔</div></div><div><div>0V</div><div>PNP.NC</div><div>NPN.NC</div><div>DC10~30V</div></div></div> <div><div>(1)BROWN</div><div>(2)WHITE</div><div>(3)BLUE</div><div>(4)BLACK</div></div>					
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M18

電感式—靜電容近接開關

Ø3  
Ø4  
M5  
Ø6  
M8  
M12  
M18  
M30

JM  
JN  
KND  
PN  
PND  
RN  
SN

SID  
SIR  
SIA

KC  
KCT  
KCP