

Rectangular Capacitive Proximity Sensor **KCP16**

◆ Characteristic / 特點：

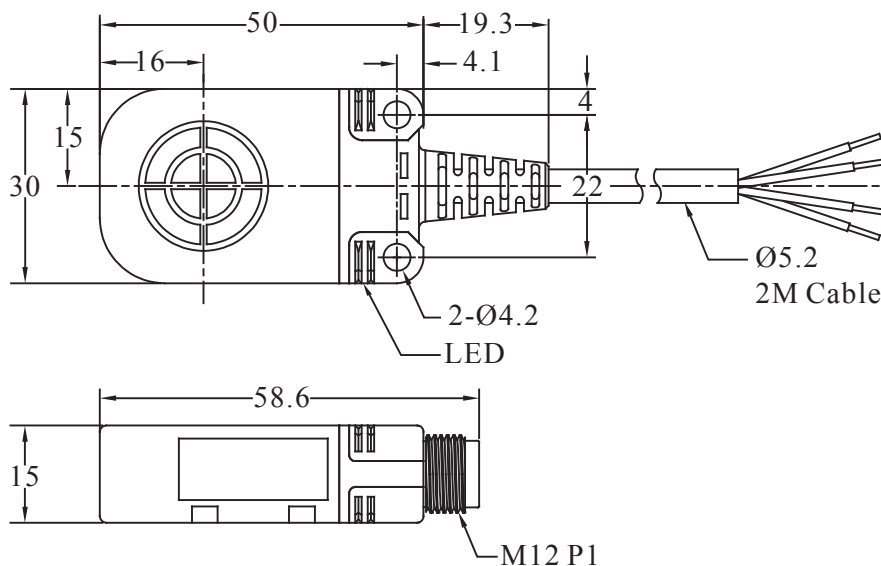
- Detecting non-metal targets: water, oil, glass, plastics.
/ 可檢測：水、油、玻璃、塑膠等非金屬物。
- Setted sensing distance for installation.
/ 固定檢測距離，適合特別安裝。



◆ Specifications / 規格表：

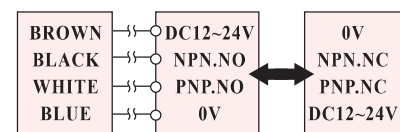
Output method / 輸出模式	NPN N.O./N.C. PNP N.O./N.C.	KCP16-NP	KCP16-NPK1
Sensing distance / 檢出距離		16 mm	
Standard sensing object / 標準檢測物		Conducting Neutral / 導體電中性	
Sensing Surface / 檢測方向		Front surface / 上方	
Hysteresis / 遲滯		≤ 10% of sensing distance	
Response time / 反應時間		10 ms Max.	
Operating voltage / 工作電壓		DC 12 ~ 24V	
Current consumption / 消耗電流		≤ 22 mA no-load	
Load current / 負載電流		100 mA Max. at DC 24V	
Leakage current / 漏電流		≤ 1.1 mA no-load	
Residual voltage / 殘餘電壓		≤ DC 1.5V	
Insulation resistance / 隔離阻抗		20M Ω min. (DC500V)	
Voltage withstandability / 絕緣耐壓		AC1000V 60Hz for 60 Sec.	
Operating temperature / 工作溫度範圍		-20°C ~ +60°C	
Protection degree / 防水等級		IP66	
Wiring method / 出線方式		Ø5.2 x 2M / 3wires	M12 connector / M12 接頭
Weight / 重量		Approx.106g	Approx.36g

◆ Dimensions / 尺寸圖：(unit:mm)



◆ Wiring diagrams / 接線圖：

-NP



-NPK1

