

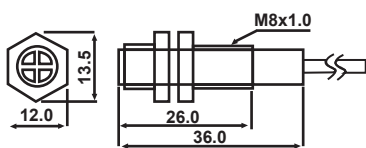
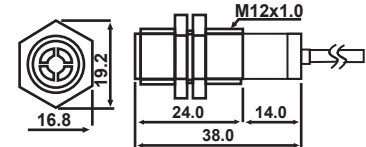
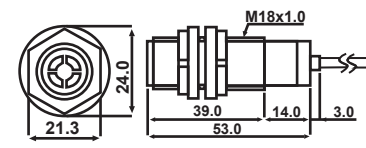
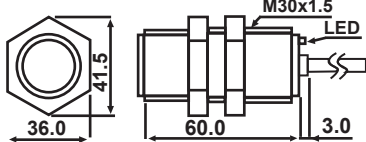
- Sensitivity adjuster : 14 turns trimmer
- High stability with thermal compensation
- Metallic & Non-metallic objects are sensible
Including Glass, Lumber, oil, water and plastic objects etc.



General data 共同規格

Specification	規格	DC type	AC type
Operation voltage	工作電壓	10~30VDC	90~250 VAC
Current consumption	耗電流	20 mA max.	1.5 VA max.
Response frequency	響應頻率	100 Hz	15Hz
Output current	輸出電流	150 mA max.	100 mA max.
Leakage current	洩漏電流	0.8 mA max.	2.0 mA max.
Residual voltage	殘留電壓	0.8 V max.	
Protection circuit	保護電路	Short-circuit & Polarity reversed	surge absorbing
Target	標準檢測物	Grounded metal plate (50x50x1mm)	
Operating circumstance	工作環境	-25°C~+80°C ; 35%~95% RH	
Protection class	保護等級		

Specification 規格

Outline	Model	Output status	Output method	Sensing distance	Operating voltage	Sensitivity adjuster	Housing material
	CP08-06N	NO	NPN	6.0 mm	10~30 VDC	Non	PP
	CP08-06NB	NC					
	CP08-06P	NO	PNP				
	CP08-06PB	NC					
	CP12-10N	NO	NPN	10.0 mm	10~30 VDC	Non	PBT
	CP12-10NB	NC					
	CP12-10P	NO	PNP				
	CP12-10PB	NC					
	CP18-30N	NO/NC	NPN	20.0 mm	10~30 VDC	14 turns trimmer	PP
	CP18-30P	NO/NC	PNP				
	CP30-50C	NO	NPN&PNP	30.0 mm	10~30 VDC	14 turns trimmer	PBT
	CP30-50CB	NC					
	CP30-50S	NO	SCR		90~250 VDC		
	CP30-50SB	NC					

Output circuit & connection diagram 輸出回路及接線圖

NPN (3 wires)	PNP (3 wires)
NPN & PNP	SCR 90~250VAC Load must be series before power on
NPN (NO/NC changeable) Output Status NO : White wire open NO : White wire connected to 0V 白色線接0V	PNP (NO/NC changeable) Output Status NO : White wire open NO : White wire connected to 0V 白色線接0V

Precaution 注意事項

Effects of surrounding metal 周圍金屬效應

- 1> To avoid the sensor may malfunction, Please ground the metal fixed bracket.
- 2> Please be sure to provide a minimum distance as shown in the table.
- 1> 請將靜電容感測器的金屬固定架接地以提高抗干擾能力。
- 2> 靜電容感測器感應面四周不可物體包圍，淨空範圍請參考下圖。

	Distance(mm)	
	MODEL	
	D	d φ
	CP08	12 24
	CP12	12 36
	CP18	24 48
	CP30	24 60