

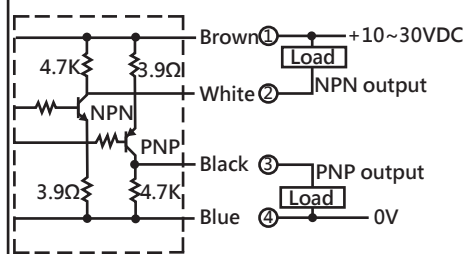
- Ultra short body length : 30mm
- Ultra long setting distance : 30mm
- Twice output : NPN & PNP
- High solid compact structure



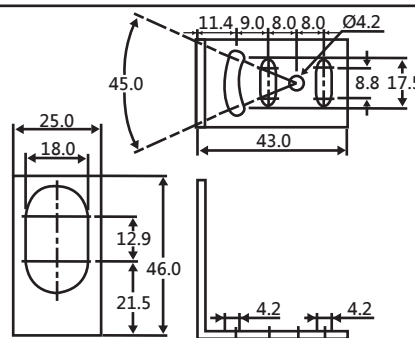
General Specification 共同規格

Specification		Data
Operating voltage	工作電壓	10~30 VDC
Ripple of power	電源漣波	20% peak to peak
Output method	輸出方式	NPN & PNP two way output
Output current	輸出電流	150mA max.
Output status	輸出狀態	Standart : NO ; Appended with 「B」 : NC
Residual voltage	殘留電壓	0.1V max.
Leakage current	洩露電流	0.8mA max.
Protection circuit	保護電路	Short circuit & polarity reversed protection
Housing material	外殼材質	Intersive PBT
Illumination	耐外亂光	Lamp light<10,000Lux ; Sunlight<20,000Lux
Noise resistance	抗干擾	2kv/1μs
Dielectric strength	電介強度	2.5kv / 1minute min.
Insulation strength	絕緣強度	100MΩ/500vdc
Operating circumstance	工作環境	-25°C~+80°C ; 35%~85%RH
Protection class	保護等級	IP-67
Approval	認證	CE

Connection diagram / 接線圖



Fixed Bracket/固定架



Outline dimension 外形尺寸圖

Lead wire	M8 Lead wire	M12 Connector

Reflex Type 反射型

Connection method	Lead wire		M8 Lead wire		M12 Connector	
Model 型號	R18-10X	R18-30X	R18-10X-PG	R18-30X-PG	R18-10X-M12	R18-30X-M12
Sensing distance 檢測距離	10 cm	30 cm	10 cm	30 cm	10 cm	30 cm
Sensitivity adjuster 感度調整	270 Trimmer				Non	
Emitter 發射光源	Infrared LED					
Current consumption 消耗電流	30mA max.					
Response time 反應時間	1.0 ms max.					
Approval 認證	CE					

Mirror Reflex Type 鏡片反射型

Connection method		Lead wire			M8 Lead wire		
Model	型號	M18-3MX	M18-1MG	M18-2MRE	M18-3MX-PG	M18-1MG-PG	M18-2MRE-PG
Filter		Non	Non	Polarity	Non	Non	Polarity
Emitter	發射光源	Infrared LED	Blue LED	Red LED	Infrared LED	Blue LED	Red LED
Setting distance	設定距離	0.1~3.0m	0.2~1.2m	0.2~2.0m	0.1~3.0m	0.2~1.2m	0.2~2.0m
Sensitivity adjuster	感度調整	Non	270 Trimmer	270 Trimmer	Non	270 Trimmer	270 Trimmer
Sensible object	可被檢測物	Non-Transparent	Transparent	Non-Transparent	Non-Transparent	Transparent	Non-Transparent
Current consumption消耗電流		30mA max.					
Response time反應時間		1.0 ms max.					
Approval認證		CE					

Connection method		M12 Connector		
Model	型號	M18-3MX-M12	M18-1MG-M12	M18-2MRE-M12
Filter		Non	Non	Polarity
Emitter	發射光源	Infrared LED	Blue LED	Red LED
Setting distance	設定距離	0.1~3.0m	0.2~1.2m	0.2~2.0m
Sensitivity adjuster	感度調整	Non	Non	Non
Sensible object	可被檢測物	Non-Transparent	Transparent	Non-Transparent
Current consumption消耗電流		30mA max.		
Response time反應時間		1.0 ms max.		
Approval認證		CE		

Thru Beam Type 透過型

Connection method	Lead wire		M8 Lead wire		M12 Connector	
Model 型號	T18-30MX	T18-6MX	T18-30MX-PG	T18-6MX-PG	T18-30MX-M12	T18-6MX-M12
Sensing distance 設定距離	0~30m	0~6m	0~30m	0~6m	0~30m	0~6m
Sensitivity adjuster 發射光源	Infrared LED					
Emitter 感度調整	Non					
Current consumption 消耗電流	30mA max.					
Response time 反應時間	1.0 ms max.					
Approval 認證	CE / UL					