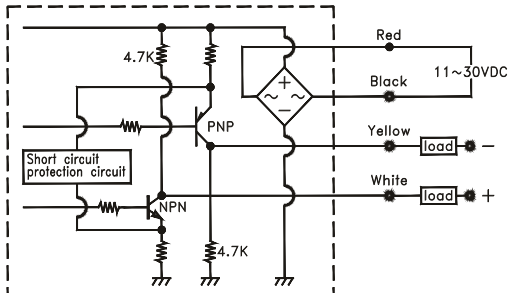


- Operating Voltage : 11~30 VDC
工作電壓：11~30 VDC
- NPN & PNP Two Output, NO/NC Changeable.
NPN和PNP兩路輸出，常開/常閉可更改。
- Polarity Reversed Protection Circuit.
極性反接保護電路。
- Vertical & Horizontal Sensing Direction Are Available.
垂直和水平感應方向可用。
- Protected By Short Circuit & Long Sensing Distance
受短路保護，長感應距離



Reflex Type:2M 反射類型：2M
Mirror Reflex Type : 4M 反射鏡類型：4M
Thru Beam Type : 20M 直通光束類型：20M

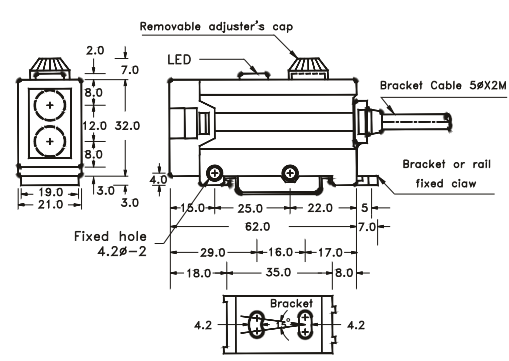
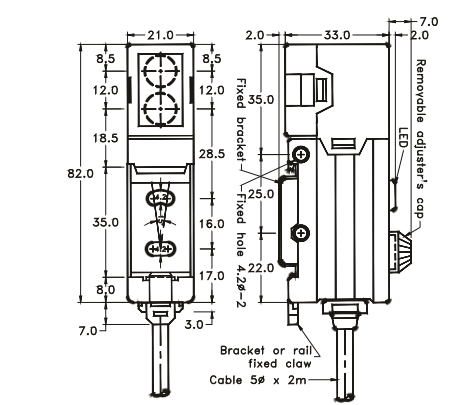
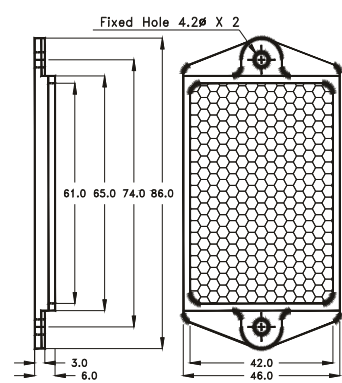
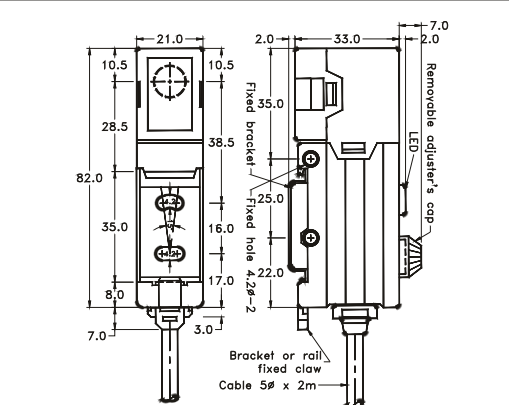
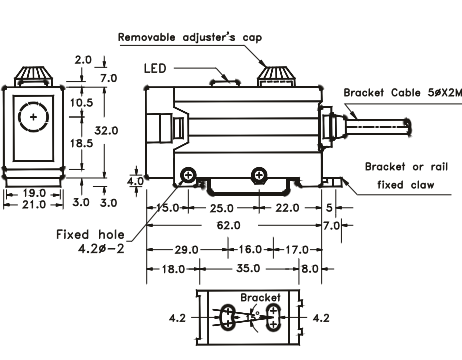
General Specification 規格

Specification	規格	Data
Operating Voltage	工作電壓	10~30 VDC ; Ripple < 20% of Peak to Peak
Output Method	輸出方式	NPN & PNP Two Output
Output Status	輸出狀態	NO < Normal Open > , NC Type Available Also
Output Current	輸出電流	150mA max.
Protection Circuit	保護電路	Short Circuit & Polarity Reversed Protection
Residual Voltage	剩餘電壓	0.8V max.
Leakage Current	漏電流	0.8mA max.
Sensitivity Adjuster	靈敏度調節器	270° Trimmer
Response Time	響應時間	2ms Max.
Hysteresis	磁滯現象	10% of Sensing Distance Max.
Emitter	發射極	Infrared LED
Illumination	照明	Sunlight < 50,000 Lux. ; Lamplight < 10,000 Lux.
Connection Method	連接方式	4 Cores / 5.0φ X 2m
Housing Material	築屋材料	Intensive PBT
Operating Temp./Hum.	工作溫度	-20°C~+60°C ; 35%~85% RH
Protection Class	保護等級	IP-65
Output Circuit & Connection Diagram	輸出電路和接線圖	

Specification 規格

Reflex Type	FR-1MX	FR-1MX-V	FR-2MX	FR-2MX-V
Sensing Direction	Horizontal	Vertical	Horizontal	Vertical
Sensing Distance	1m		2m	
Current Consumption	20mA max.		35mA max.	
Weight	Appr. 105g	Appr. 120g	Appr. 105g	Appr. 125g
Mirror Reflex Type	FG-3MX		FG-3MX-V	
Sensing Direction	Horizontal		Vertical	
Sensing Distance	4m			
Current Consumption	20mA max.			
Weight	Appr. 105g		Appr. 120g	
Thru Beam Type	FT-10MX	FT-10MX-V	FT-20MX	FT-20MX-V
Sensing Direction	Horizontal	Vertical	Horizontal	Vertical
Sensing Distance	10m		20m	
Current Consumption	Emitter < 30mA ; Receiver < 20mA			
Weight	Appr. 210g	Appr. 240g	Appr. 210g	Appr. 240g

Dimension 尺寸

FR • FG	FR-V • FG-V	Mirror MR-1
 Removable adjuster's cap LED Bracket Cable 5#X2M Bracket or rail fixed claw Fixed hole 4.2#-2 Bracket 4.2	 Fixed bracket Fixed hole 4.2#-2 Bracket or rail fixed claw Cable 5# x 2m	 Fixed Hole 4.2# X 2
FT	FT-V	
 Removable adjuster's cap LED Bracket Cable 5#X2M Bracket or rail fixed claw Fixed hole 4.2#-2 Bracket 4.2	 Removable adjuster's cap LED Bracket Cable 5#X2M Bracket or rail fixed claw Fixed hole 4.2#-2	