


◆Characteristic / 特點：


- Small size, 10 mm thickness, can be mounted in a small space. Several amplifiers can be mounted side by side.
/體積薄，厚度只有10mm，使用空間小，多個併排安裝。
- 20-Turns Sensitivity Adjuster. The optimum sensitivity can be set easily.
/多迴轉(20 TURNS)靈敏度調整。
- Off-delay timer adjustable for 0ms, 40ms and 400ms.
/可調整OFF TIMER感應時間(0ms,40ms,400ms)。




Ultra-Slim




L.on/D.on Switch
Easy selection to switch the output operation as either Light-ON or Dark-ON.



Off-delay Timer Switch
Three off-delay timers (0ms, 40ms, 400ms) adjustable.



20-turn Sensitivity Adjuster
Users can adjust the sensitivity more optimum according to different objects.



Fiber Lock Level
Special design for fiber cables fixed. Simple operation and easy maintenance.



◆Specifications / 規格表：

Model / 型號	Pre-wired Ø4.2	FZ1-N	FZ1-P	FZ1-NI	FZ1-PI
	M8 pigtailed type	FZ1-ND	FZ1-PD	-	-
Emitting light / 發光源	Red LED 680 nm			Infrared LED 850nm	
Operating voltage / 工作電壓	DC12~24V ± 5%				
Current Consumption / 消耗電流	40mA Max.				
Load current / 負載電流	100mA Max.at DC24V				
Output type / 輸出模式	NPN L.on / D.on	PNP L.on / D.on	NPN L.on / D.on	PNP L.on / D.on	PNP L.on / D.on
Protection circuit / 保護電路	Reversed polarity protection, over-current protection				
Response time / 反應時間	1 ms Max.				
Indicators/指示燈	Output indicator : Red LED, Power indicator : Green LED				
Sensitivity adjusrment/靈敏度功能	20 turns trimmer				
Insulation resistance / 隔離阻抗	20MΩ min. (DC500V)				
Voltage withstandabiligy / 絕緣耐壓	AC500V 60Hz for 60 Sec.				
Operating temperature/工作溫度	- 10 °C ~ + 60 °C				
Ambient humidity / 工作溼度	35% ~ 85% RH				
Protection degree / 防水等級	IP64				
Material / 外觀材質	ABS				
Wiring method / 出線方式	FZ1-□	Pre-wired Ø4.2 x 2 M / 3-wires			
	FZ1-□D	M8 pigtailed type / M8 接頭15cm電線式			
Weight / 重量	FZ1-□	Approx. 65g			
	FZ1-□D	Approx. 35g			