

## EA-318 光電式偵煙探測器/光電式偵煙及偵熱雙功能探測器

### EA-318 Photoelectric smoke detector/ Photoelectric Multisensor (smoke & heat) detector

EA-318 系列光電式偵煙探測器，適用於偵測火焰的頻譜，易於安裝。光電式偵煙及偵熱雙功能探測器，則使用先進的光電式偵煙技術，並搭配一個固定溫度熱度感測元件，增加功能。每一個感知器均經測試、校驗，以確保其可靠性，避免誤報的情況發生。

EA-318 series photoelectric smoke detectors are designed to respond to a wide spectrum of fires and ease installation.

The Multisensors uses Advanced Photoelectric Technology in conjunction with a fixed temperature heat sensor to further extend its capabilities as a smoke detector. Every unit is individually tested and calibrated to ensure high reliability and prevent false alarms.

#### 產品特色 Features

- 採用先進的光電感測技術  
Advance photoelectric smoke sensing technology
- 雙感測元件設計，可廣泛應用在各種環境，並可有效避免誤報發生  
Multisensor is used for a wide range of applications and is highly immune to false alarm.
- 耐用的感測頭，極佳的偵煙感測  
Durable sensor head; excellent smoke access. Material
- LED 顯示，警示無死角  
LEDs for 360° visibility
- NO 或 NC 可選擇繼電器輸出  
N/C(normal close) or N/O(normal open) selectable relay output.
- 易於安裝維護  
Easy installation and maintenance.
- 現代且大方的設計，易於搭配任何裝潢(白色及卡其色)  
Modern design for any decor (white and beige colors).
- 五年保固  
Five-year limited warranty.



相關認證 Approvals  
EN-54-7:2000

#### 產品系列 Product series

產品型號 Model	產品說明 Descriptions
EA318-2	兩線式光電式偵煙探測器 2 wire Photoelectric Smoke Detector
EA318-2L	兩線式光電式偵煙探測器(配有遠端 LED 顯示) 2 wire Photoelectric Smoke Detector with remote LED indicator output
EA318-2H	兩線式光電式偵煙及偵熱雙功能探測器 2 wire Photoelectric Multisensor ( smoke & heat )
EA318-2HL	兩線式光電式偵煙及偵熱雙功能探測器(配有遠端 LED 顯示) 2 wire Photoelectric Multisensor ( smoke & heat ) with remote LED indicator output
EA318-4	四線式光電式偵煙探測器 4 wire Photoelectric Smoke Detector

#### 選配 Options

- 可搭配保全系統的 AR(Auto Reset)功能 AR(Auto Reset) function for security systems
- 蜂鳴器 Buzzer
- 感知器基座 Sensor base: standard and Schottky diode.
- 遠端 LED Remote LED
- 可提供 EN54 MLS EN54 Multiple Listing service available

## 產品規格 Specifications

產品型號 Model	EA318-2	EA318-2-LED	EA318-4-12	EA318-4-24	EA318-2H	EA318-2H-LED	EA318-4H-12	EA318-4H-24
接線方式	2-wire	2-wire	4-wire	4-wire	2-wire	2-wire	4-wire	4-wire
熱度 Thermal	-	-	-	-	135°F(57°C)	135°F(57°C)	135°F(57°C)	135°F(57°C)
供應電源 Voltage DC	12~24V	12~24V	10.2~13.8V	20.4~27.6V	12~35V	12~35V	10.2~13.8V	20.4~27.6V
最大待機電流消耗 Standby Current (Max)	40μA	40μA	35μA	35μA	35μA	35μA	35μA	35μA
警報電流消耗 Alarm Current(Max)	60mA	60mA	35mA	35mA	70mA	70mA	35mA	35mA
最大突波電流 Surge Current (Max)	40μA	40μA	-	-	40μA	40μA		
最大啟動時間 Start-Up Time (Max)	60sec	60sec	60sec	60sec	60sec	60sec	60sec	60sec
最大通過電流 Permissible Current(Max)	80mA	80mA	80mA	80mA	80mA	80mA	80mA	80mA
Emitting Duty	3~5sec	3~5sec	3~5sec	3~5sec	3~5sec	3~5sec	3~5sec	3~5sec
警報接點 Alarm Contact	-	-	Form A/B	Form A/B	-	-	Form A/B	Form A/B
搭配基座 Base Model	P/N852001	P/N854001	P/N854001	P/N854001	P/N852001	P/N854001	P/N854001	P/N854001
偵測範圍 Detection Range	偵煙感測元件為 100M <sup>2</sup> ；熱度感測元件為 50M <sup>2</sup> 100 m <sup>2</sup> rating for smoke sensor; 50 m <sup>2</sup> rating for heat sensor							
最大啟動電流消耗 Start-Up Current	70μA (max)							
警報阻抗 Alarm Impedance	兩線式型號 For 2-wire models: 100Ω+3V max; 560Ω+3V max (red LED open circuit)							
復歸電壓 Reset Voltage	Less than 1 volt							
復歸時間 Reset Time	少於 1 秒 Less than 1 second							
警報顯示 Alarm Indicator	紅色 LED 燈恆亮 Continuously emitting red light							
溫度範圍 Temperature Range	-10°C to +50°C							
遠端輸出 Remote Output	15mA max., diode gate							
儲存環境溼度 Humidity	0 to 95%RH, non condensation 無結露							
警報接點 Alarm Contact	(for 4-wire) N/O or N/C Operation 1.0A@30 Vdc / 0.5A@125 Vac							
尺寸 Dimensions (mm)	10 (D) × 46(H) with base 加基座：防火外殼材質ABS							
重量 Weight	130g with base 加基座							

## 產品外觀 Product appearance

