



GLOBAL
FIRE EQUIPMENT

DATA SHEET

GFE-C

CONVENTIONAL DETECTORS

The GFE series conventional detectors have been designed and tested to EN54 and UL standards. Available in optical Smoke, heat and combined Smoke/Heat detector versions, the GFE conventional detectors are both reliable and aesthetically pleasing.

EN54 certificate:

GFE-AD-SL: EN54 pt7:2000 Certificate n° 0845-CPD-232-1489
 GFE-AD-HL: EN54 pt5:2000 Certificate n° 0845-CPD-232-1488
 GFE-AD-SHL: EN54 pt5:2000 Certificate n° 0845-CPD-232-1490

Product Features:

- Dual LEDs for 360° visibility
- Advanced detection and discrimination algorithms
- Easy installation and maintenance
- Sleek low-profile housing
- Durable sensor head, no need for replacement
- SMD circuit board design. High quality and reliability guaranteed.
- Integrated heat detector for GFE-SH-2L
- Sensor Base Option: Regular 4 or 5 inch base.



THIS RANGE INCLUDES

MODEL	SMOKE	HEAT	REMOTE LED	EN-54 APPROVAL	CE APPROVAL
GFE-S-2L	X		X	X	X
GFE-H-2L		X	X	X	X
GFE-SH-2L	X	X	X	X	X

SENSOR SPECIFICATION

MODEL	THERMAL	VOLTAGE DC	STANDBY CURRENT (MAX.)	ALARM CURRENT (MAX.)	SURGE CURRENT (MAX.)	START-UP TIME (MAX.)	PERMISSIBLE CURRENT (MAX.)	BASE MODEL
GFE-S-2L		12 - 30V	90µA	70mA	130µA	60 sec	80mA	P/N774912
GFE-H-2L	57°C	10 - 35V	55µA	55mA	150µA	60 sec	80mA	P/N772912
GFE-SH-2L	57°C	12 - 30V	100µA	70mA	130µA	60 sec	80mA	P/N774912

Smoke Sensitivity: 2.31 +/-1.37%/FT Obscuration (UL standard), 0.10-0.14 dB/m (EN54 standard)
 Coverage: 100 m2 (Smoke), 50m2 (Heat) - Height dependent
 Start-Up Current: 160µA Maximum
 Alarm Load: 340 ohms + 3 volt drop
 Reset Voltage: less than 1 volt
 Reset Time: less than 1 second
 Alarm Indicator: LED continuously emitting red light
 Remote Output: 15mA max., diode gate
 Temperature Range: -10°C to 50°C
 Humidity: 0 to 95% RH, no condensation or icing
 Dimensions: 100mm (dia) x 46mm (ht) with base
 Weight: 130g/set with base