



**GLOBAL**  
FIRE EQUIPMENT

# DATA SHEET

## GFE-AD

### ANALOGUE ADDRESSABLE DETECTORS

The GFE-AD series of Analogue Addressable Detectors have been designed to be fully compatible with the Global Fire Equipment range of intelligent control panels, Junior and Juno-Net. Compliant to EN54 (parts 5 6 7) and certified by DIFT for CPD compliance, the GFE-AD series detectors are available in optical, Heat and combined Smoke/Heat detector versions.

EN54 certificate:

GFE-AD-SL: EN54 pt7:2000 Certificate n° 0845-CPD-232-1483

GFE-AD-HL: EN54 pt5:2000 Certificate n° 0845-CPD-232-1482

GFE-AD-SHL: EN54 pt5 & pt7:2000 Certificate n° 0845-CPD-232-1484

#### Product Features:

- Dual LEDs for 360° visibility
- Advanced detection and communication protocols
- Easy installation and maintenance
- Sleek low-profile housing
- Durable sensor head, no need for replacement
- SMD circuit board design. High quality and reliability guaranteed.
- Five year limited warranty
- Sensor Base Option: Regular 4 or 5 inch base.



#### THIS RANGE INCLUDES

MODEL	SMOKE	HEAT	REMOTE LED	EN-54 APPROVAL	CE APPROVAL
GFE-AD-SL	X		X	X	X
GFE-AD-HL		X	X	X	X
GFE-AD-SHL	X	X	X	X	X

#### SENSOR SPECIFICATION

MODEL	THERMAL	VOLTAGE DC	STANDBY CURRENT (MAX.)	ALARM CURRENT (MAX.) LED ON	SURGE CURRENT (MAX.)	START-UP TIME (MAX.)	BASE MODEL
GFE-AD-SL		15 - 30V	370µA	4mA	370µA	30 sec	P/N774912
GFE-AD-HL	57°C	15 - 30V	370µA	4mA	370µA	30 sec	P/N772912
GFE-AD-SHL	57°C	15 - 30V	370µA	4mA	370µA	30 sec	P/N774912

Smoke Sensitivity: 2.66 +/-1.11%/FT Obscuration (UL standard), 0.10-0.157dB/m (EN54 standard)  
 Coverage: 100 m2 (Smoke), 50m2 (Heat) - Height dependent  
 Start-Up Current: 370µA Maximum  
 Reset Time: less than 10 seconds  
 Alarm Indicator: Red LED  
 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: 188g/set with base