



## ► GFE-AD Analogue Addressable Fire 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 -5 and 7 and certified by **DIFT** for **CPD compliance**, the GFE-AD series detectors are available in Optical, Heat and combined Smoke/Heat detector versions.

### Key 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
- 3 years limited warranty
- Sensor Base Option: Regular GFE Detector Base, GFE-ISO-BASE (inc. loop isolator) or Deep Base

TECHNICAL SPECIFICATIONS	GFE-AD
SUPPLY VOLTAGE	Loop Powered 17-30 V DC
CURRENT - QUIESCENT / SURGE	370 / 500 uA max.
CURRENT - DEVICE IN ALARM	4 mA - Alarm LED Illuminated
SMOKE SENSITIVITY	2.666 +/- %FT Obscuration (UL) - 0.10-0.157 dB/m (EN54)
COVERAGE	100 m <sup>2</sup> (Smoke) - 50 m <sup>2</sup> (Heat) - Height Dependent
CABLE SIZE	0.5-2.5 mm <sup>2</sup>
RESET/STAR-UP TIMES	10/30 seconds max.
COLOUR / CASE MATERIAL	White / PolyCarbonate (PC) - FR 94V0
OPER. TEMPERATURE / MAX. HUMIDITY	-10°C to 50°C / 95% RH Non-Condensing
DIMENSIONS / WEIGHT	100 mm (D) x 46 mm (H) / 82 g (without base)

ORDER CODE	TYPE	LED O/P	CE MARKING	APPROVAL	CPD NO.
<b>GFE-AD-SL</b>	Smoke	Y	Y	EN54 pt. 5	0845-CPD-232-1483
<b>GFE-AD-HL</b>	Heat	Y	Y	EN54 pt. 7	0845-CPD-232-1482
<b>GFE-AD-SHL</b>	Smoke & Heat	Y	Y	EN54 pt. 5 & 7	0845-CPD-232-1484