



ZEOS-AS

Analogue Addressable Fire Detectors with Smart Addressing

The ZEOS-AS series of Analogue Addressable Detectors have been designed to be fully compatible with Global Fire Equipment's range of intelligent control panels, JUNIOR and JUNO NET.

The ZEOS detector range, in conjunction with JUNIOR and JUNO NET panels, can accommodate several Alarm thresholds and timed options in combined smoke and heat detectors variants.

The ZEOS-AS series is certified to **EN54-5 and EN54-7** and consists of combined photoelectric smoke and heat detectors. Optionally they can be fitted with a short-circuit **loop isolator**.

The ZEOS-AS range of fire detectors is not addressed using a D.I.L. switch, it uses instead GFE's proprietary Smart Addressing Mechanism (**SAM**). The address can be set either by using GFE's analogue device programmer or alternatively, when used in conjunction with GFE's range of Intelligent Analogue Addressable Fire Detection Panels, GFE's automatic address setting mode **ASET**.

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

TECHNICAL SPECIFICATIONS

SUPPLY VOLTAGE	Loop Powered 17-30 V DC
CURRENT - QUIESCENT / SURGE	450 uA max.
CURRENT - DEVICE IN ALARM	4 mA - Alarm LED illuminated
SENSITIVITY	According to EN54-5 or/and EN54-7, EN54-17
CABLE SIZE	0.5-2.5 mm ²
RESET/START-UP TIMES	20 seconds max.
SMOKE SENSITIVITY SETTINGS	Low / Normal (default) / High
HEAT ALARM SETPOINTS	55 C / 65 C (default) / 75 C / 85 C
MULTISENSOR MODES	Heat / Smoke / Combined (default)
COLOUR / CASE MATERIAL	White / ABS
NORMAL / TRANSIENT OPERATION TEMPERATURE	0°C to 50°C / -10°C to 85°C
MAX. HUMIDITY	95% RH Non-Condensing
DIMENSIONS / WEIGHT	100 (D) x 50 (H) mm inc. base / 92 g (without base) & 144 g (inc. base)

ORDER CODE

ZEOS-AS-S	1328-CPR-0526	ANALOGUE ADDRESSABLE PHOTOELECTRIC SMOKE DETECTOR WITH SMART ADDRESSING
ZEOS-AS-H	1328-CPR-0527	ANALOGUE ADDRESSABLE TEMPERATURE/HEAT DETECTOR WITH SMART ADDRESSING
ZEOS-AS-SH	1328-CPR-0525	ANALOGUE ADDRESSABLE COMBINED SMOKE & HEAT DETECTOR WITH SMART ADDRESSING
ZEOS-AS-SI	1328-CPR-0609	ANALOGUE ADDRESSABLE PHOTOELECTRIC SMOKE DETECTOR W/ ISOLATOR & SMART ADDRESSING
ZEOS-AS-HI	1328-CPR-0608	ANALOGUE ADDRESSABLE TEMPERATURE/HEAT DETECTOR W/ ISOLATOR & SMART ADDRESSING
ZEOS-AS-SHI	1328-CPR-0524	ANALOGUE ADDR. COMBINED SMOKE & HEAT DETECTOR W/ ISOLATOR & SMART ADDRESSING