



ZEOS-AS

Intelligent Addressable Fire Detectors with Smart Addressing

EN54-5 / EN54-7 / EN54-17
CERTIFIED

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

The ZEOS detector range, in conjunction with JUNIOR and JUNO NET panels, contains algorithms that 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 intelligent device programmer or alternatively, when used in conjunction with GFE's range of Intelligent Addressable Fire Detection Panels, GFE's automatic address setting mode ASET.

MAIN 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 / RESET/START-UP TIMES	0.5-2.5 mm ² / 20 seconds max.
SMOKE SENSITIVITY SETTINGS	Low, Normal (default) and High
HEAT ALARM SETPOINTS	55°C / 65°C (default) / 75°C / 85°C
MULTISENSOR MODES	Heat, Smoke and 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 & 144 g inc. base

ORDER CODE

ZEOS-AS-S	1328-CPR-0526	INTELLIGENT ADDRESSABLE PHOTOELECTRIC SMOKE DETECTOR W/ SMART ADD.
ZEOS-AS-H	1328-CPR-0527	INT. ADD. TEMPERATURE/HEAT DETECTOR W/ SMART ADD.
ZEOS-AS-SH	1328-CPR-0525	INT. ADD. COMBINED SMOKE & HEAT DETECTOR W/ SMART ADD.
ZEOS-AS-SI	1328-CPR-0609	INT. ADD. PHOTOELECTRIC TEMPERATURE/HEAT DETECT. W/ ISOLATOR & SMART ADD.
ZEOS-AS-HI	1328-CPR-0608	INT. ADD. TEMPERATURE/HEAT DETECTOR W/ ISOLATOR & SMART ADD.
ZEOS-AS-SHI	1328-CPR-0524	INT. ADD. COMBINED SMOKE & HEAT DETECTOR W/ ISOLATOR & SMART ADD.