



## ZA830 Addressable Multi-Sensor



The ZA830 addressable Multi-Sensor detector features optic and heat sensors with low power consumption and an advanced digital protocol to provide a fast and reliable response to fire conditions. All detectors can be addressed via a dipswitch at the rear of the detector. The smoke or heat portion of the multi-sensor can be disabled at the panel or via the dipswitch and include a day/night function. The ZA series of Analogue Addressable Detectors have been designed to be fully compatible with the ZYTEQ Fire GEKKO and OCTO+ range of intelligent control panels.

Certified in Europe to be compliant with the EN54-5 and EN54-7 standards.

### Key Features

- Dual LEDs for 360° visibility
- Flash Green for Healthy and Red for Alarm
- Easy installation and maintenance
- Aesthetically pleasing design
- Durable sensor head, no need for replacement
- Fixed and Rate Of Rise heat detection
- SMD circuit board design, High reliability
- Locking feature
- Day/Night function
- Dip Switch addressing

### TECHNICAL SPECIFICATIONS

SUPPLY VOLTAGE	Loop Powered 20-30 V DC
CURRENT - QUIESCENT / SURGE	280 uA average (500 uA max.)
CURRENT - DEVICE IN ALARM	2 mA - Alarm LED illuminated
SENSITIVITY	According to EN54-5 and EN54-7
CABLE SIZE	1.0-2.5 mm <sup>2</sup>
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 70°C (Dependant on the Control Panel setting) / -10°C to 85°C
MAX. HUMIDITY	95% RH Non-Condensing
DIMENSIONS	107 (D) x 54 (H) mm inc. base
WEIGHT	115 g (without base) & 155 g (inc. base)



World Class Smoke & Heat Detectors

Designed and Manufactured in South Africa