



ZA830CO Addressable CO/Optical/Heat Multi-Sensor



The ZA830CO addressable CO Multi-Sensor detector features low power consumption and an advanced digital protocol to provide a fast and reliable response to fire conditions.

CO detectors are particularly useful in detecting the highly dangerous odourless and colourless Carbon Monoxide gas generated during combustion. The ZA830CO uses a high quality CO sensor with a 10 year guaranteed life. The smoke and heat elements can be disabled, if required, via dipswitch. For Parking Garage applications, a combination of CO and Heat detection is recommended. Each detector has one pre-alarm CO level, two fire condition CO sensitivity levels and three separate smoke and heat sensitivity levels. The Pre-Alarm CO function can be used to trigger extract fans for environmental control.

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.

The ZA830CO sensor is compliant with EN54-31, EN54-7 and EN54-5 requirements.

Key Features

- Dual LEDs for 360° visibility
- Flash Green for Healthy
- Easy installation and maintenance
- Aesthetically pleasing design
- Durable CO sensor, no need for replacement
- Pre-calibrated CO sensor
- SMD circuit board design, High reliability
- CO Pre-Alarm function
- Can be used to activate extract fans
- Dipswitch addressing

TECHNICAL SPECIFICATIONS

SUPPLY VOLTAGE	Loop Powered 20-30 V DC
CURRENT - QUIESCENT / SURGE	530 uA max.
CURRENT - DEVICE IN ALARM	2 mA - Alarm LED illuminated
CABLE SIZE	1.0-2.5 mm ²
RESET/START-UP TIMES	20 seconds max.
COLOUR / CASE MATERIAL	White or Black / ABS
NORMAL / TRANSIENT OPERATION TEMPERATURE	0°C to 75°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 & CO Detectors

Designed and Manufactured in South Africa