

Wire-Free Heat Sensor

- Analogue/Addressable
- Proprietary sensor
- Universal transmitter module
- 5 Year battery life
- Detector / Transmitter tamper
- Range in excess of 250 metres



5000 FirePoint

Overview

The model 5-5120 Analogue Addressable Heat Detector is bayonet-fitted to a radio address/transmitter module incorporating lithium batteries and supplied with a surface-mount base unit. Removal of the detector or address/transmitter module will indicate a fault condition. The detector is manufactured by Ziton limited and complies with BS5839 Part 5 and EN54 Part 5 (grade 1 and 2) and part 8 (range 1).

The Heat Detector operates on a highly sensitive thermistor which measures the actual temperature and rate of rise change. At regular intervals, the detector carries out a self test that checks and verifies every function, including the thermistor, and sensitivity to temperature. Any failure is automatically reported to the control panel.

The detector incorporates a selectable automatic lock, which, if enabled locks it into its base when plugged in, preventing unauthorised removal. Each unit has a unique address configured during manufacture and is individually addressable by the system controller. The radio address module is programmed to report at regular intervals of 5 – 9 minutes.

Designed and manufactured using the latest techniques and surface mount technology ensures component count is kept to a minimum, thereby maximising reliability.

The address/transmitter module is powered by a low-voltage dual supply lithium battery pack. The battery pack condition is continually monitored. The battery board has been tested to provide 5 years of normal site operations. The system indicates remaining battery capacity and a low battery condition is indicated to the controller as a fault leaving approximately 30 days for the battery pack to be changed.

Specification

PHYSICAL:

DIMENSIONS: 106 x 75 mm with transmitter/address module
WEIGHT: 119g
COLOUR: White

ENVIROMENT: **TEMPERATURE:** -10 to 85 degrees C
HUMIDITY: 20 to 95% RH

SENSITIVITY

Four levels of sensitivity adjustment are provided 58°C rate of rise (grade 1) 58°C fixed temperature and 82°C fixed temperature (range 1).

SUPPLY: 4 x 3.7 volt lithium TCL AA cells

OPERATING FREQUENCIES: VHF – 173.245 MHz

CHANNEL SPACING: 25 kHz

OUTPUT TRANSMITTER POWER: 1 mW ERP

OUTPUTS: Detector alarm – Fire and Fault
Detector identity
Battery condition
Auto report signal

STANDARDS: EN54 part 2

Ordering Information

5 - 5100/OD Detector / address module complete

For the full range of products and part numbers please contact us.



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