

FEAH2000/FEAHH2000 Fyreye Addressable Heat Detectors



LPCB
Approved
to EN54
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The FEAH2000 is an analogue addressable Heat detector that works to the Zeta Addressable protocol.

The FEAHH2000 is an analogue addressable high temperature heat detector.

The measuring circuit is based on a single precision thermistor, whose characteristics change according to temperature in a defined manner.

This change in characteristics is converted to an analogue value, and sent digitally back to the fire alarm control panel.

On the FEAH2000, the analogue reading is the temperature in Centigrade (°C), so an analogue value of 55 will be returned at 55°C.

On the FEAHH2000, the analogue reading changes by one count when the temperature rises by 2.17 °C, so the detector will return a value of 55 at 90 °C.

The detectors can be supplied with a locking screw to prevent removal of the head by unauthorised personnel.

The Fyreye Heat Detector is particularly suitable for rooms where smoke detectors cannot be used due to a high level of smoke or steam, such as kitchens.

The Fyreye High Temperature Heat Detector is particularly suitable for environments with high ambient temperatures, such as boiler rooms & laundry drying rooms.

Compatible Bases (6" Versions available)

PART NO.	MODEL	DESCRIPTION
80-050	FE-CB	Fyreye Common Base
80-080	FEA-RB	Fyreye Addressable Relay Base
80-090	FE-IB	Fyreye Isolating Base
80-100	FEA-SB	Fyreye Sounder Base

MODEL	FEAH2000	FEAHH2000
PART NO.	80-130	80-131
OPERATING VOLTAGE	17-28VDC	
STANDBY CURRENT	300uA @ 24V	
OPERATING TEMPERATURE	-20 to +50 °C	-20 to + 80 °C
MIN. CONTINUOUS TEMP.	0 °C	
RETURNS VALUE OF 55 AT	55 °C	90 °C
DETECTOR CLASS	AS	CS
MAX. HUMIDITY	95%RH non condensing	
MAX. WIND SPEED	Not affected	
ATMOSPHERIC PRESSURE	Not affected	
IP RATING	43	
COVERAGE	50m ²	
STORAGE TEMPERATURE	-30 °C to 80 °C	
ALARM CURRENT	2mA	
SIZE: DIAMETER X HEIGHT (BASE)	100mm x 39mm (100 x 47)	
WEIGHT (BASE)	100g (157g)	