

2265 FIXED TEMPERATURE HEAT DETECTOR 90°C**APPLICATIONS**

The 2265 Fixed Temperature Heat Detector is designed to detect an increase in ambient temperature, which exceeds its fixed operating temperature. They are especially effective in places where normal temperature is high or where sudden changes in temperature are common, such as boiler rooms and kitchens, and where smoke detection devices are unsuitable because of the presence of steam or fumes.

**FEATURES**

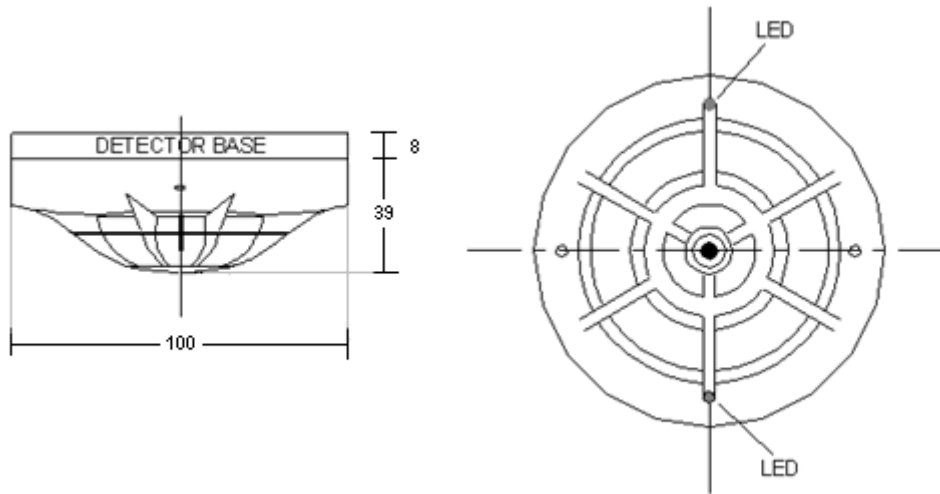
- Electronic linear heat detection
- Remote Indicator output
- Wide voltage range (9.5 ~ 30Vdc)
- Twin fire LED's allow 360° viewing
- Range of mounting bases
- Covers 50m²
- Special plastic moulding
- LPCB & VdS Approved

OPERATION

The 2265 Fixed Temperature Heat Detector (90°C) incorporates a highly linear thermistor circuit, with the thermistor being mounted externally. The specially designed case moulding protects the thermistor and at the same time ensures that airflow is not restricted. The thermistor circuit produces a voltage proportional to temperature, which is scaled, linearised and then used to trigger an internal latching circuit. The special plastic moulding is made of a high temperature plastic which reduces the risk of damage when testing the detector.

A 360° view of the sensor status is achieved through twin LEDs. Different colour LEDs are used to distinguish between the Fixed Temperature and Combination (Rate of Rise) Heat Detectors.

APPROVALS : Tested and approved to EN54 Part 5 by the Loss Prevention Council, VdS (G204045)



SPECIFICATION

Order Code	2265
Operating Voltage	9.5 – 30v DC, Nominally 24v DC
Quiescent Current	35uA at 24v DC
Alarm Current	40mA max at 24v DC
Operating Temperature	-10 ⁰ C to +50 ⁰ C
Material	Polycarbonate
Colour	Ivory White
Weight	76g (126g incl base)
Dimensions	100 Diameter x 39 Depth (48 Depth with base)
Ingress Protection	IP63
Maximum Humidity	95% RH – non condensing (at 40 ⁰ C)