

Description

The XP95 thermal detector continuously monitors the ambient temperature. When polled, the equivalent temperature is transmitted to the fire indicator panel. The information is carried along the detection loop in an analogue format.

The XP95 thermal detector shares the same mechanical dimensions and colour to other detectors in the XP95 range of products. It would be mounted on an XP95 universal detector base.

Technical

The device monitors temperature by using a single thermistor network that provides a voltage output proportional to the external air temperature. The voltage signal is processed and transmitted to the fire indicator panel in the same way as in the case of the photo optical and ionisation smoke detectors.

Through the use of the **ConfigManager**, the user can program the **FireFinder™** indicator panel to recognise this detector as a thermal type. The fire indicator panel can be programmed to discriminate between a thermal that operates as a type 'A' or 'B'.

The XP95 thermal detector can safely monitor ambient temperatures of up to 70 °C.

It is to be used in conjunction with an XP95 universal base that has the unique XPert card that is keyed to set the address of the detector.

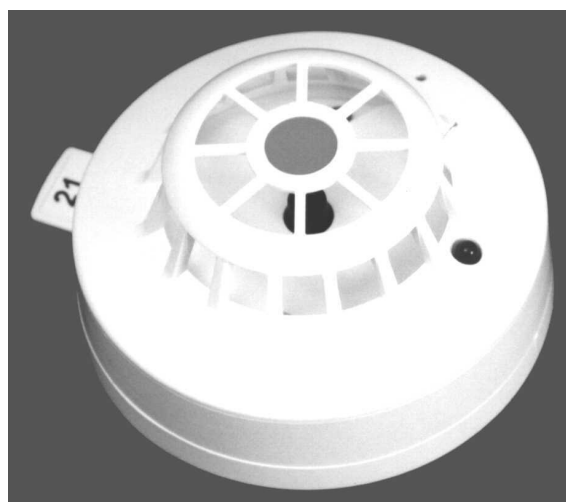
Application

- Concealed roof spaces
- Warehouses
- Kitchen area

Specifications

Detector Type	Temperature sensitive resistance. Type 'A' – Rate Of Rise (2 °C/min) & Fixed (65 °C) Type 'B' – Fixed @ 65 °C
Communication	Apollo XP95
Supply Wiring	2 wire, polarity insensitive
Supply Voltage	17 to 28 volts
Quiescent current	250uA
Alarm current	-
Alarm analogue value	55
Remote Alarm o/p	2mA max
Storage Temperature	-30° C to 80° C
Humidity	0% to 95%
Approvals	C-Tick, SSL
Alarm Indicator	Single red LED
Compatible Base	XP95 Universal Base
Product Code	201-0001

N.B.: It is highly recommended that the Apollo mounting block (Product Code 201-0101) is used for surface mounted detectors for correct fit and reliability.



XP95 THERMAL DETECTOR