Fire detection and evacuation solutions that save lives.

XP95 Intrinsically Safe Heat Detector

Features

- Alarm flag for fast alarm reporting
- Electronics-free base
- Ideal in environments that are dirty or smoky under normal conditions
- Unaffected by wind or atmospheric pressure
- Insect resistant
- Easy installation

Description

The XP95 Intrinsically Safe (I.S.) Detectors are a development of the well established analogue addressable XP95 range. I.S. Detectors feature all the benefits of the standard range, but are developed specifically for use in hazardous areas.

The XP95 I.S. Heat Detector monitors temperature by using a single thermistor which provides a count output proportional to the external air temperature. The XP95 range features two heat detectors, standard and high temperature. The standard heat detector is classified as an A2S device and will report an alarm at 55°C. The high temperature detector, (International only) is classified as a CS device, and will report an alarm at 90°C.

The XP95 I.S. Heat Detector shares the same mechanical dimensions and colour as that of other detectors in the XP95 range of products.

As with all detectors in the XP95 range, the XP95 I.S. Heat Detector is used in conjunction with the XP95 universal Detector Base which incorporates the unique XPERT card and is used to configure the address of the detector.

BASEEFA Certificate No.

BAS02ATEX1289X

IECEx Certificate No.

IECEx BAS 12.0091X

Classification (max ambient)

Ex ia IIC T4 GA (≤ +60°C)
Ex ia IIC T5 GA (≤ +45°C)

I.S. Heat Detector

Item Numbers	
Australia	
201-0105	XP95 I.S. Heat Detector
International	
55000-440APO	XP95 I.S. Heat Detector

Specifications	
Operating Voltage	14 to 22 VDC
Quiescent Current	300µA
Remote LED Current	1mA (internally limited)
Dimensions	100mm Dia x 50mm H inc base
Operating Temperature	-20°C to +70°C (no icing) -20°C to +40°C (T5). -20°C to +60°C (T4).
Relative Humidity	0 to 95% (non condensing)
IP Rating	IP53
Weight	157 grams inc base
Approvals	EN54-5

For further information refer respective Product Guide MAN3054