XP95 - MultiSensor Detector

Features

- Ideal for a wide range of applications
- Enhanced false alarm management
- Unaffected by wind or atmospheric pressure
- Well suited for environments such as Hotel bedrooms
- Remote test feature
- 360o LED visibility in alarm
- Alarm flag for fast alarm reporting
- Insect resistant

Description

The XP95 MultiSensor Detector combines inputs from optical and heat sensors and processes them using a sophisticated algorithm. It is designed to be sensitive to a wide range of fires and may be used in place of an ionisation detector in many instances.

The detectors construction is similar to that of the optical detector but uses a different lid and optical mouldings to accommodate the thermistor temperature sensor.

The signals from the optical smoke sensing element and the temperature sensor are independent, and represent the smoke level and the air temperature respectively in the vicinity of the detector. The detector's microcontroller processes the two signals. The temperature signal processing extracts only rate of rise information for combination with the optical signal. The detector will not respond to a slow temperature increase - even if the temperature reaches a high level. A large sudden change in temperature can, however, cause an alarm without the presence of smoke, if sustained for 20 seconds.

Designed for the use in medium to large applications with specific system requirements, XP95 gives you total reassurance in installations where adaptability to changing conditions and protection against unwanted alarms is paramount.

Multisensor Detector

Applications

- Hotels
- Hospitals
- University Campus

Specifications

Operating voltage	17 to 28 VDC
Quiescent current	500µA average
Alarm current LED on	3.5mA
Remote LED current	4mA at 5V
Dimensions	100mm Dia x 58mm H inc base
Operating temperature	-40°C to +70°C (no icing)
Relative humidity.	0 to 95% (non condensing)
IP rating	23D (indoor use)
Weight	160 grams inc base

For further information refer Product Guide MAN3037.

Item Numbers

	LPCB (CEA4021)	SAI Global (AS7240-15)
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