XP95 – Ionisation Smoke Detector

Features

- Responds well to fast burning, flaming fires
- Alarm flag for fast alarm reporting
- Well protected against electromagnetic interference over a wide frequency range
- Insect resistant
- Electronics-free base
- Easy installation
- Designed to operate in a variety of environments
- Elegant design
- Minimal effects from temperature, humidity, atmospheric pressure

Description

The XP95 range of analogue addressable fire detectors combines proven design with performance and has unique features that benefit the installer and end user.

The XP95 Ionisation Smoke Detector uses a low activity radioactive foil to detect fires by irradiating the air in the smoke chambers and causing a current flow. If smoke enters the chamber, the current flow is reduced leading to an alarm.

The Ionisation Smoke 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 Ionisation Smoke 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.

For further information refer Product Guide MAN3037.

Ionisation Smoke Detector

Applications

- Chemical Storage
- Computer Rooms
- Living Areas
- Warehouses
- Hospitals

Specifications

Operating voltage	17 to 28 VDC
Quiescent current	280µA average 500µA peak
Alarm current LED on	2mA
Remote LED current	4mA at 5V
Dimensions	100mm Dia x 50mm H inc base
Operating temperature	-20℃ to +60℃ (no icing)
Relative humidity.	0 to 95% (non condensing)
IP rating	IP23D (indoor use)
Weight	161 grams inc base

Item Numbers

	LPCB (EN54-7)	SAI Global (AS7240-7)	Activfire (AS1603-2)
XP95 Ionisation Smoke Detector	55000-520AMP	4106-2002	201-0002 (55000-530)
XP95 Ionisation Smoke (Black) Detector	55000-560AMP	4106-2011	201-0091 (55000-560)