Fire detection and evacuation solutions that save lives.

XP95 Intrinsically Safe – Ionisation Smoke Detector

Features

- Responds well to fast burning, flaming fires
- 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
- Minimal effects from temperature, humidity, atmospheric pressure
- Alarm flag for fast alarm reporting

Description

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

The XP95 IS 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.

Classification

E Ex ia IIC T5 (T4 at Ta ² 60°C)

BASEEFA Certificate Number

BAS02ATEX1289

I.S. Ionisation Smoke 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 +60°C (no icing)
	-20°C to +40°C (T5).
	-20°C to +60°C (T4).
Relative humidity.	0 to 95% (non condensing)
IP rating	IP23D (indoor use)
Weight	161 grams inc base
Approvals	EN54-7

Item Numbers	
Australia	
201-0103	XP95 I.S. Ionisation Smoke Detector
International	
55000-540APO	XP95 I.S. Ionisation Smoke Detector