

SS-I-IS **Intrinsically Safe Ionisation Detector**

DATA SHEET



Features:

- Low profile design
- Low current draw
- Remote LED option
- Removable cover for ease of maintenance
- Compatible with standard B401 mounting base
- Built-in test switch .
- Tamper-resistant
- Suitable for use in up to Zone 0 environments
- Approved for use with Zener safety barriers or galvanic isolators

Description:

These detectors are for use in hazardous areas where potentially explosive atmospheres are likely to arise SS-I-IS detectors are designed to be used with compatible panels only and must be used in conjunction with a compatible zener barrier.

SS-I-IS smoke detectors include a tamper feature that prevents removal from the base without the use of a tool. In addition, these detectors can be tested by activating an internal reed switch with a test magnet. This test simulates smoke in the detector and performs a full check of the operating circuitry.

Specifications:

Height:	4.2 cm
Diameter:	10.2 cm
Weight:	99 g
Application Temperature Range:	–10° to 55°C
Operating Humidity Range:	10% to 93% Relative Humidity (non-condensing)
Latching alarm:	Reset by momentary power interruption

Approvals:

ATEX 94/9/EEC:	EN 50014: 1997 + Amends 1 & 2 EN 50020 EN 50284: 1999 Ex II G EEx ia II B TS
LPCB:	118b/09
VDS:	G296051
IEC Approved to:	Ex ia IIB Ga (-20°C ≤ Ta ≤ +40 °C)
IECEx Certificate of Conformity Certificate Number:	IECEx BAS 08.0127X



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