

## Intrinsically Safe Ionisation Detector



### 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:

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

### Approvals:

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