

LOW PROFILE IONISATION SMOKE DETECTORS

(Model 1151E)

FEATURES

- Low profile design
- Low current draw
- Remote LED option
- Two alarm Leds providing 360° visibility
- Stable performance in high air velocities
- Removable cover for ease of maintenance
- Broad range of adapter bases available
- Built in test switch
- Tamper-resistant
- Tested and approved to EN54 part 7
- VdS and LPCB approved



FIGURE 1: 1151E LOW PROFILE IONISATION DETECTOR



DESCRIPTION

The Model 1151E ionisation smoke detectors use state-of-the-art sensing chambers and are designed to provide open area protection. Model 1151E can only be used with compatible panels. The ability to plug these detectors into a variety of base options extends panel compatibility and application flexibility.

The 1151E has remote LED annunciator capability as well as two integral LED's to provide local visible indication of detector status. Once the detector senses a fire, it latches in alarm and remains in this condition until it is reset by a momentary power interruption.

The 1151E detector includes a tamper resistant feature that prevents removal from the base without the use of a tool. 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

Operating Voltage (with B401 base)	8.5-35 VDC
Operating Voltage (with B401R base)	17-35 VDC
Standby Current:	50µA
Height:	43mm installed in B401 base
Diameter:	102mm
Weight:	102g
Operating Temperature Range:	-10°C to 60°C
Note: Do not install in locations where the normal ambient temperature range is beyond 0°C to 50°C for extended periods.	
Operating Humidity Range:	10% to 93% Relative Humidity, Non-condensing
Latching Alarm:	Reset by momentary power interruption
Maximum installation air velocity:	7.5 m/s

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