

# Ionisation Smoke Alarm

## 9V Battery Powered

### Model Ei100BNX

- Dual Ionisation chamber sensor
- Built in Test button
- Low power cell warning
- Kitemarked to BS EN14604:2005
- 5 Year Guarantee



### Product Description

The Ei100BNX is an Ionisation Smoke Alarm, powered by a 9V battery

The alarm gives a fire warning when adequate smoke enters the alarm.

### Operation

- Test button checks circuitry, sensor and sounds horn
- The alarm will emit a beep every 40 seconds to indicate that the battery is depleted and needs replacing

### Technical Specification

1. The Smoke Alarm carries the BSI Kitemark to indicate type testing to BS EN14604:2005. It will meet the requirements of Grade F systems as defined in BS5839: Pt.6:2004. It carries the CE mark to indicate conformance to Electromagnetic Compatibility Directives.
2. Dual ionisation chamber sensor, with corrosion resistant electrodes, and insect resistant cover.
3. Built in sounder giving a minimum sound output of 85dB(A) at 3m. Frequency is in the range 2200/2800Hz. The diameter of the piezo disc in the sounder measures 40mm, and has wire contacts soldered directly on to the piezo disc. The sounder includes a resonator or "trumpet" 30mm in length, which reaches to the lid of the outer casing in order to amplify the sound.
4. Test button to simulate the effect of smoke and tests sensor, electronics and horn.
5. Automatic Self-Test: Smoke chamber is tested every 40 seconds and unit beeps if a fault is detected.
6. Automatic reset facility in that when smoke clears from the alarm sensor the unit will reset automatically.
7. Battery fitted with reliable snap fit connector, which prevents the battery being connected up the wrong way round. It also overcomes the problem of creepage.
8. Low battery warning signal, beeps every minute for 30 days - when replacement battery is required.
9. Airspeed: No effect.
10. Ambient Temperature Range: 4°C to 40°C. Humidity Range: 0 to 90% relative humidity.
11. Dimensions: 140 x 125 x 46mm. Weight inclusive of packaging: 210g.
12. Manufactured in Ireland
13. 5 year guarantee



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