ID100

EN 54-7

UL EU S36176   **LPCB** 991c/01   **CE** 0051 0051-CPR-1875

CONVENTIONAL SMOKE DETECTOR

ID100 detectors come from the **IRIS** series of the Inim Electronics.

Each device from the IRIS series is identified by a unique factory-assigned serial number. Therefore, these devices do not require the use of an address programmer. The serial number is located on the device label and on two stickers which can be positioned on the system layout and on the mounting base.

Versa++ technology allows these detectors to be configured in accordance with the required detection method. This allows the detectors to adapt perfectly to external conditions and provide prompt, effective detection of events.
The following parameters are available:
- Operating mode selection (flashing on LED, flashing on remote indicator)
- Optical chamber sensitivity adjustment
- Manual activation of the LED
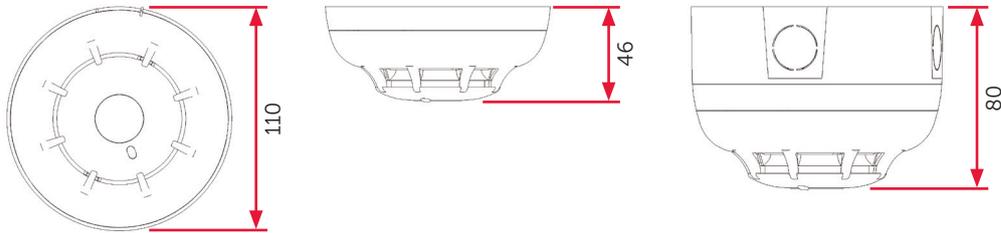- Fault report enquiry
- Complete diagnostics

MAIN FEATURES

- 500 µm hole-diameter mesh insect screen
- Bicolour LED: red for alarm; green flash (optional) for identification after manual activation from the programmer
- Versa++ Technology
- Drift compensation for sensor drift caused by dust in the chamber
- 4 different smoke detection thresholds
- Complete diagnostics, contamination level reading and values measured in real-time
- Non-resettable alarm counter
- Memory of the smoke and temperature levels measured in the five-minute period prior to the last alarm
- Setting options via manual programmer

ID100

TECHNICAL SPECIFICATIONS

- Certification: CPR EN54/pt7
- Detection principle: light diffusion (Tyndall effect)
- Identification of contamination or fault on detector
- Sampling: every 4 seconds
- Power voltage: 10-30Vdc
- Current draw during standby: 90µA
- Current draw during alarm: max 40mA
- Sensitivity: 0.08 – 0.10 – 0.12 – 0.15 dB/m
- Operating temperature: from -5°C to +40°C

- Degree of protection: IP40
- Base fitting: bayonet coupling
- Height with EB0010 base: 46mm
- Height with EB0030 deep base: 80mm
- Diameter: 110mm
- Weight (base included)

DIMENSIONS

WIRING DIAGRAMS TABLES

ITD002 Iris Detectors Wiring Diagram
ITI004 Enea and Iris Detectors Installation

ORDER CODES

ID100 Conventional smoke detector
ID200 Conventional heat detector
ID300 Conventional smoke and heat detector
IL100 Remote indicator

EB0010 Mounting base for ENEA and IRIS detectors
EB0020 Relay base for ENEA and IRIS detectors
EB0030 Deep base
EB0040 Base protected against dripping water
EB0050 Spacer for EB0010 mounting base
EB0060 Base with integrate buzzer

Inim distributor's stamp
and signature