

SDA-250

STANDALONE SMOKE DETECTOR

SDA-250 is designed to detect the early signs of fire. The **SDA-250** operates as a standalone smoke detector in compliance with the requirements of the **EN 14604** standard.

The detector is equipped with a photoelectric visible smoke sensor housed in a specially designed sensing chamber, whose unique construction ensures high sensitivity. A precision Hexamesh stainless steel filter protects the chamber against dust particles and small insects. An alarm is indicated both acoustically and visually. In addition, the detector continuously monitors the condition of the optical chamber. If dust accumulation is detected, the LED indicator signals that maintenance is required.

The **SDA-250** features low power consumption. It is powered by a 3 V CR123A battery, whose status is continuously monitored. A drop in the battery voltage below the specified threshold is indicated by both visual and audible signals.

Properties:

- ▶ loud audible alarm provided by a piezoelectric sounder
- ▶ LED indicator
- ▶ contamination-resistant thanks to a precision Hexamesh stainless steel filter
- ▶ unique Swirl sensing chamber for fast smoke detection
- ▶ self-diagnostics: battery status monitoring and optical chamber contamination monitoring (the detector automatically compensates for gradual changes in the optical chamber caused by dust accumulation)
- ▶ test and alarm reset button
- ▶ LED indication in test mode
- ▶ up to 10 years of operation from a single battery (CR123A 3 V)
- ▶ no mains power connection required
- ▶ suitable for installation in environments with relative humidity of up to 93 ±3%
- ▶ operating temperature range: 0°C to +55°C
- ▶ compliant with EN 14604 for standalone smoke detectors
- ▶ EU Declaration of Conformity available (RED 2014/53/EU, CE)
- ▶ 3-year warranty

