ASD-150

WIRELESS SMOKE DETECTOR

ASD–150 can detect fire at its early stages of development, as soon as the visible smoke appears. This model can work either as part of the two–way wireless ABAX system or as a stand–alone device, which is confirmed by the certificate of compliance with EN 14604 for stand–alone detectors, issued by the Scientific and Research Centre for Fire Protection.

For detection of visible smoke, an optical sensor located in a special chamber is used, which further speeds up the detection. When the concentration of smoke in the optical chamber exceeds a preset threshold, an alarm will be triggered.

Stand–alone operation: as soon as smoke is detected, the detector will alert people in the vicinity to danger, acoustically and optically.

Operation as part of ABAX system: the system can be programmed so that smoke detection by one detector can simultaneously trigger alarm signal in other selected ASD–150 detectors located in the premises.

ASD–150 will prove very useful in buildings where a high level of fire protection should be provided, but construction of a complete fire protection system is not necessarily required.

- optical detector of visible smoke in accordance with **EN 14604**
- stand–alone operation option
- optical (LED) and acoustic (piezoelectric transducer) signaling of detected smoke
- auto–diagnostic functions (checking the status of battery and optical chamber)
- chamber soiling indication
- tamper protection against opening and removal from mounting surface
- power source: 3 V CR123A lithium battery
- testing function

TECHNICAL DATA

Enclosure dimensions	ø108 x 54 mm
Operating temperature range	0 °C...55 °C
Max. current consumption	120 mA
Weight	170 g
Operating frequency band	868,0 ÷ 868,6 MHz
Radio communication range (in open area)	up to 500 m m
Battery	CR123A 3V
Standby current consumption	85 µA

CE

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