MSD-300

WIRELESS SMOKE AND HEAT DETECTOR FOR MICRA SYSTEM

Smoke and heat detector, designed for early detection of a developing fire. In addition to providing information about the hazard to the control panel, the **MSD–300** detector can warn of the danger, using the built–in siren. In contrast to conventional smoke detectors, this device will react not only to visible smoke, but also to a rapid increase in temperature, thus providing more complete protection against the danger of fire.

- compatible with **MICRA** alarm module, **PERFECTA 16–WRL**, **PERFECTA 32–WRL**, **PERFECTA–IP 32–WRL**, **PERFECTA–T 32–WRL** and **PERFECTA 64 M** (equipped with **PERFECTA–RF** module) control panels as well as **VERSA–MCU** and **MTX–300** wireless system controllers,
- radio signals from a detector can be retransmitted by **MRU–300**
- photoelectric system for detection of visible smoke accompanying the fire development, meeting the requirements of EN 54–7
- temperature rise detection system, meeting the requirements of Class A1R, according to EN 54–5
- built–in siren to warn of a threat detection
- detection and indication of dirt in the detection chamber to facilitate system diagnostics and maintenance
- manual test and alarm reset button to facilitate regular verification of correct operation
- precision mechanical filter to prevent ingress of insects and dust inside the detector
- energy management system to enable many years of operation without having to replace the CR123A lithium battery
- detection of tamper, e.g. opening enclosure
- IP code: IP20

Application:
Alarm signaling of fire development in small–size buildings, such as kiosks, summer houses, boutiques, freestanding garages and workshops

Delivery set:
Detector, dust cover, CR123A lithium battery, mounting elements, user manual

TECHNICAL DATA

Battery working time (in years)	Estimated 3 years
Enclosure dimensions	ø108 x 61 mm
Operating temperature range	0...+55 °C
Standby mode current consumption	50 µA
Max. current consumption	20 mA
Weight	170 g
Operating frequency band	433,05 ÷ 434,79 MHz
Radio communication range (in open area)	up to 200 m m
Battery	CR123A 3V
Class according to EN 54-5 (heat sensor)	A1R
Minimum static response temperature	54 °C
Maximum static response temperature	65 °C