

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 μΑ
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	CR123A3V
Class according to EN 54-5 (heat sensor)	A1R
Minimum static response temperature	54 °C
Maximum static response temperature	65 °C

