

Datasheet Insafe+ Origin Smoke Detector

Insafe+ Origin Smoke Detector + Indoor Air Quality Monitor



Advanced functions:

- Indoor Air Quality Index IZIAIR (5 levels)
- Algorithm for analysing the conditions for false alarms with formulation of recommendations
- Self-test of the function (every 45 seconds)
- Wireless sensors, quick and easy installation
- EnOcean Radio protocol

Technical data:	
Functional principle	Photoelectric smoke detector
Power supply	
Batteries	2x 3V lithium batteries (installed and sealed)
Battery life	Up to 10 years, depending on protocol, radio and environment
Terms of use	
Environment	Indoors
Temperature	+ 4° C to + 45° C
Humidity	From 15% RH to 95% RH
Sensors and measurements	
Smoke	
Temperature	Resolution: 0.2° C
Humidity	Resolution: 1% RH
Radio protocols	EnOcean, Zigbee, Sigfox, Lora (others on request)
Loudness	> 85 dB at 3m distance
Display	2 flashing LEDs in red and orange
Insect protection	Avoids false alarms
Frequency of transmission	
EnOcean and Zigbee protocols	On change (from 3 min. to 6 hrs.) and on occurrence of an alarm
Sigfox and LoRa Protokolle	Every 24 hours and when an alarm occurs
Data feedback	To IoT platforms
Dimensions	105 x 105 x 30 mm
Net weight	150g (incl. battery and holder)
Certificate	CE
Standard	EN 14604
Mounting	Ceiling and/or wall mounting
Optionally available	Universal remote control

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 Warranty ex works, normally 24 months, fixed at order. Information is current as of the date of publication. Subject to errors and modifications. NOTE: Internal connections refer to connections inside the unit, generally mounted across a pin-header. External connections refer to those outside the box. Once mounted, only connections described as „front accessible“ can be accessed by the customer.