Wireless photoelectric-based smoke detector EWF1

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LED operation indicator

Photoelectric sensor for slow smouldering fires

Lifetime 10 years

Quick fix mounting plate for easy installation

Certifications

ANATEL

WPC

What is EWF1?

EWF1 is a wireless photoelectric-based smoke detector designed to detect smouldering fire before bursting into flame.

How EWF1 works?

EWF1 has to be bind to the alarm system by sending a corresponding SMS message or using software ELDES Configuration Tool.

Upon successful EWF1 binding process, the system adds one wireless zone. In case of smoke detection, EWF1 will indicate the alarm by built-in speaker and notify ELDES system about the event.

Main features

Photoelectric sensor for slow smouldering fires	Non-radioactive technology for environmental friendly
High and stable sensitivity	Quick fix mounting plate for easy installation
LED operation indicator	Built-in speaker for audio alarm indication
Lifetime 10 years	Tamper switch: for device detachment from the wall detection

Specifications

Detection type	Photoelectric chamber
Alarm sound level	85dB at 3m
Battery type	Primary 9V Lithium 1200mAh ANSI/NEDA 1604LC
Number of batteries	1
Battery operation time	~18 months (might vary in different conditions)
Wireless transmitter-receiver frequency	868/915 MHz
Wireless communication range	Up to 30 meters in premises; up to 150 meters in open areas
Range of operating temperatures	5 up to 45°C
Humidity	0-90% RH @ 0... +40 °C (non-condensing)
Sensitivity to smoke	3.0-6.0 % Obs /m
Compatible with alarm systemsELDES Wireless	ELDES Wireless
Dimensions	110mm diameter