

AMSF900

SMOKE DETECTOR WITH RADIO TRANSMITTER - 900 SERIES

MANUAL
V.1.0

- The AMSF900 is a smoke detector for private use (houses and apartments). It's equipped with a 900 series radio transmitter; the programming is identical to the other 900 series devices. The alarm signal is given when inside the chamber of the sensor it's accumulated a certain quantity of smoke; the same is restored when the chamber is free from fumes.

The radio specifications are the same as other 900 series devices:

- Digital Radio Transmission (FSK) that gives high precision and stability;
- Standard 9V Lithium Battery supply (6LR61);
- bidirectional Transmission on 124 bits AES rolling code;



PROGRAMMING AND REPORTING

Supervision: when the sensor works fine the LED will flash every 40 seconds. When the detection chamber is dirty, the supervision is interrupted, the LED will continue to emit a flash every 40 seconds, **but the fault will be reported as failure to supervision.** **Low Battery:** if the battery drops below around 6.5 V the transmitter sends a low battery signal. Therefore, the graduated scale of the battery from 0 to 100% does not work but are indicated only two values : 100% = greater than 6.5 V battery or battery 40% = less than 6.5 V. This report is updated every supervision time and after an alarm signal, and is cleared each time you press the TEST button. Not being an object of security, but for detection, there is no tamper indication.

There are reports of its sensor carried by the LED and a buzzer:

- **alarm:** buzzer and LED will flash rapidly for 2 seconds
- **alarm test:** hold for more than 3 seconds the test button on the sensor to start a test alarm
- **dirty chamber:** the buzzer emits a beep every 40 seconds after about 15 seconds of flashing LEDs
- **low battery:** The buzzer emits a beep every 40 seconds in sync with the LED.

Programming: programming on the receivers is achieved by pressing the TEST button.

TECHNICAL FEATURES

AMSF900	
Power supply	9V 6LR61 battery
Consumption	in stand by mode 12uA in alarm mode 15mA
Operating frequency	916.0 MHz
Operating environmental	from -20°C to +50°C

Our products/systems comply with the essential requirements of EEC directives. Installation must be carried out following the local installation norms by qualified personnel. The producer refuses any responsibility when changes or unauthorized repairs are made to the product/system. It is recommended to test the operation of the alarm product/system at least once a month. Despite frequent testing and due to, but not limited to, any or all of the following: tampering, electrical or communication disruption or improper use, it is possible for the product/system to fail to prevent burglary, robbery, fire or otherwise. A properly installed and maintained alarm system can only reduce the risk that this happens.