FIRE WATCH

ADDRESSABLE HEAT SENSOR

FW5500-450

PRODUCT OVERVIEW

The FW Addressable Heat sensor uses a fixed temperature setting to activate when the surrounding air temperature reaches a predetermined level, making it ideal for areas where heat is a more accurate indicator of fire risk.

KEY FEATURES

- **Fixed Temperature Sensing:** Activates when the ambient temperature exceeds a specific threshold.
- **Self-Test Functionality:** Includes built-in mechanisms to test the detector's functionality.
- **Robust Design:** Suitable for a wide range of environments, particularly those where smoke might not be a reliable indicator of fire.
- **Automatic Addressing:** Utilizes the XPERT 7 card for simple and efficient installation.

MANUFACTURER'S SPECIFICATION

Detection principle	Single NTC thermistor
Digital communication protocol	FireWatch (Apollo) Protocol
Supply Wiring	Two wire supply, polarity insensitive
Sampling frequency	Once per second
Supply voltage	17 V to 28 V dc
Sensitivity	Fixed temperature threshold
Operating temperature	0°C to 66°C
Humidity	0% to 95% RH
Quiescent Current	300µA at 24V DC
Alarm indicator	Red light emitting diode
Modulation voltage	5 V - 9 V peak to peak
Additional Remote LED current	5 mA maximum
IP rating	IP44
Alarm/operated current, LED On	3.5 mA
Weight	105 grams
Dimensions	100 mm diameter x 42 mm height
Standards and approvals	UL 268 7th Ed., ULC S529 (Future Enhancement), FM 3230.

Maintenance

FW addressable heat sensor should be regularly tested and cleaned to ensure it functions properly, following the manufacturer's guidelines. Use the built-in self-test feature to ensure functionality, and perform sensitivity checks as needed to maintain optimal performance, especially in

Applications

- Commercial Kitchens
- Garages and Workshops
- Warehouses
- Boiler Rooms
- Storage Areas

Warranty

A 10-year warranty covering any manufacturing defects.

Approvals