Fire Detector

◆ Product Description

Fire detector is a multi-composite detector that integrates the functions of smoke sensing and temperature sensing. It combines the advantages of photoelectric smoke fire detectors and heat-sensitive fire detectors, enabling more reliable detection and alarm for various fire situations and expanding the application range of traditional detectors.

- Double sensing and accurate early warning
- Copes with complex working conditions
- Balances early warning and operation & maintenance
- Flame-retardant and explosion-proof design
- Low maintenance requirement

◆ Product Structure

- The housing of the fire detector is made of UL94 V-0 rated flame-retardant ABS plastic, with an anti-fouling coating on its surface. It is equipped with 360° visible red LEDs (steady-on during alarm) and green LEDs (blinking during normal inspection). Its dimensions are Diameter 100-103mm x Height 53-55mm, and it is compatible with standard 86-type embedded junction boxes.

◆ Typical Product Data and Physical Properties

Overall Dimensions: Diameter: 100mm; Height: 54.5mm

Detector Category: A2R

Detection Type: Photoelectric smoke sensing, Temperature sensing

Operating Voltage: DC 24V

Monitoring Current: ≤0.8mA

Alarm Current: ≤1.5mA

Coding Method: Coding range 1-250

Indicator Light: Red; flashes during patrol, stays on when alarming

Availability:

Item#	Model	Weight
1.4.24.01.0248	Intelligent Type	0.3KG

◆ Typical Applications

- The fire detector is suitable for scenarios such as commercial spaces, dusty workshops, underground parking garages, hospitals/old residential buildings, etc., and adapts to different needs through dual detection, IP43 anti-fouling protection, easy installation, and false alarm prevention.

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data for reference only

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