



EDFS1

Infrared Flame Detector

Characteristics

- Built-in high performance Microprocessor that able to analysis flame signal more accuracy.
- IR sensor has better detection range than UV sensor.
- High immunity to sunlight or other noisy source.

Applications

- Premises with higher ceilings: theater, gym, storage, gallery or warehouse, etc.
- Places where fires happen easily: places storing with combustible goods, gas stations, factory working places, machine rooms, etc.
- Ventilate places: open markets, station platforms, hotel lobbies, department stores, etc. (places that smoke and heat can not gather during early period of fire)
- Others: tunnels, computer rooms, etc.

Specifications:

Model	EDFS1
Type	2-wire
Alarm Contact	N/A
Sensor Type	Single IR
Wavelength	4.48μm
Standby Current @24V dc 470Ω	under190μA
Voltage Range	12V ~ 30V dc
Alarm Current @24V dc 470Ω	38mA
Ambient Temperature	-10°C + 55°C
Material	Fire-proof plastic
Dimensions	102 mm (Dia.) × 38 mm (H)
Weight	120g
Color	White

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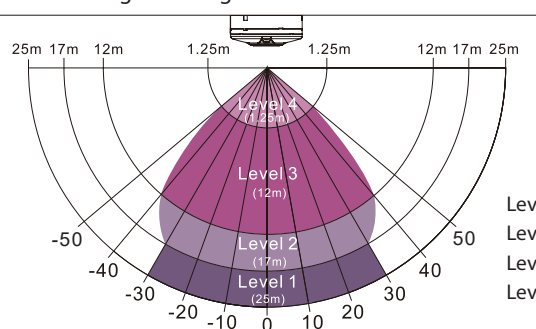
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Installation Instructions

1. Do not install detector that has fire source nearby.
2. Detection range and angle please refer to diagram as below.

Detection range and angle :



Level 1 : 25m = $\pm 30^\circ$
 Level 2 : 17m = $\pm 30^\circ$
 Level 3 : 12m = $\pm 40^\circ$
 Level 4 : 1.25m = $\pm 50^\circ$