



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.
- Comply with EN54-10.

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
Standards	EN54-10
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



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 :

