



OEM / ODM Fire Alarm Flame Detector Explosion Proof With LED Indicator

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: XHA
- Certification: CCC
- Model Number: YJLH101EX
- Minimum Order Quantity: 1PCS
- Price: negotiable
- Packaging Details: 10pcs/Carton
- Delivery Time: 3 Working days
- Payment Terms: T/T, Western Union
- Supply Ability: 1000pcs/month



Product Specification

- Detection Method: Infrared Flame Detector
- Power Supply: DC 24V
- Alarm Indication: LED Indicator
- Alarm Output: Relay Output
- Response Time: Less Than 10 Seconds
- Detection Range: 1-40 Meters
- Installation: Ceiling/Wall Mounted
- Operating Temperature: -10°C To 50°C
- Highlight: OEM Fire Alarm Flame Detector,
ODM Fire Alarm Flame Detector,
Explosion Proof Flame Detector Fire Alarm



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Product Description

Fire Alarm Flame Detector For Petrochemical Refineries And Chemical Plants



Introduction

Infrared (IR) flame detectors are specialized sensors designed to detect the presence of flames by identifying the unique infrared light signature produced by combustion. These devices are widely used in industrial and commercial applications to provide early warning of potential fire hazards.

Suitable places

1. Transportation, storage, production and other places for flammable goods;
2. Substation facilities, engine room, power station environments;
3. Places where open flames are strictly prohibited, such as liquefied gas stations, garages, gas stations, etc
4. Harsh environment and other environment where the other kind detectors are difficult to function.

Not suitable place

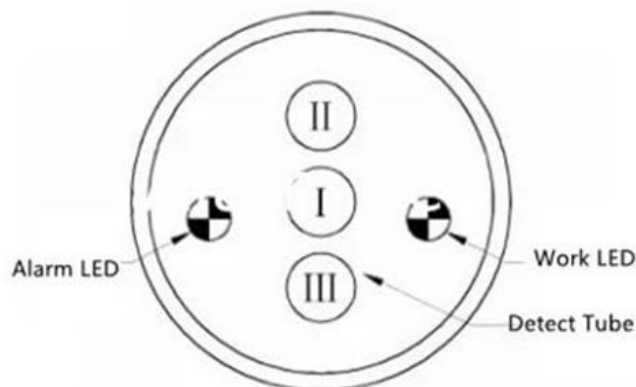
1. There is obvious smouldering stage in the early stage of fire;
- 2, there are often strong arc light, radioactive materials, and strong infrared radiation.
3. Strong air convection, such as strong wind.
4. Normally the wind speed is higher than level 3

Specifications

Working voltage	18V-32VDC
Interface	4"(Φ20mm) explosion-proof hose
Infrared Flame Detector Detection Angle	90 degree
Level of protection	IP66/IP65
Explosion Proof Level	Ex d IIC T6 Gb. Ex tD A21 IP66/IP67 T80
Alarm Status	≤40mA/24VDC

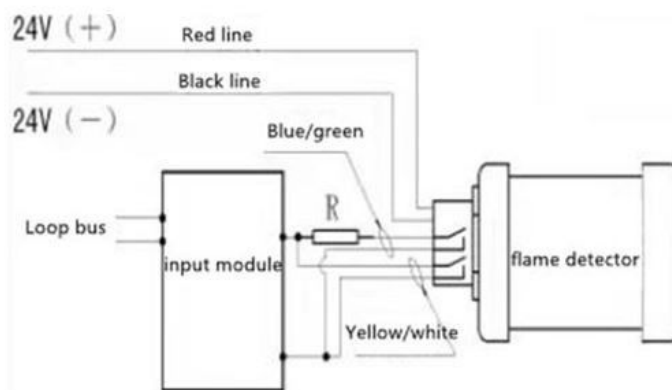
Fire response time	≤10S
Sensitivity	1m-40m can respond(0.1 m-1.3m)
Working environment	humidity ≤95%RH, no condensation

Instruction



The green work indicator is steady on at the normal situation.
 when the fire is found, The red alarm indicator is steady on. At the same time, the fire alarm relay is closed and the yellow/white lines are conductive, output the fire alarm signal.
 The detector is a non-coding detector, which needs to connect the interface module when it is connected to the bus system.

Wiring Instruction



Red/black: 24V power line

Yellow/white: Alarm relay output, it is closed, normally open.

Blue/green: Fault relay output, it's open, normally closed.

Maintenance:

In order to keep in good work situation, it need arrange test to the flame detector every 3 months at least. Once the detector is damaged or not working properly, need to repair or replace accordingly.

Product range

Conventional Fire Alarm System

Addressable fire alarm system

Gas Extinguishing control system

Beam Detector

4 wire smoke detectors with relay output.

2 wire Conventional smoke and heat detectors

Explosion-proof flame detector for fire alarm system

Standalone smoke detectors and combustible gas detector

Service

1. OEM &ODM service.
2. Provide technical support and after-sale service.
3. 1 year warranty.
4. Normally 10 working days lead time.
5. Welcome sample order.



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