IP66 IP65 Fire Alarm Flame Detector For Industrial / Commercial Fire Safety

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: 500pcs/month

Product Specification

- Types Of Detectors: Explosion-Proof Flame Detector
- Working Voltage: DC24V
- Output: Relay Output
- Respond Time: Less Than 10s
- Alarm Indication: LED Indicator
- Response Time: Less Than 10 Seconds
- Detection Range: 1-40 Meters
- Alarm Output: Relay Output
- Highlight: **Industrial Fire Alarm Flame Detector**, **Commercial Fire Alarm Flame Detector**, **IP65 Fire Alarm Flame Detector**

Product Description

Explosion Proof Infrared Flame Detector For Industrial/Commercial Fire Safety Appliction
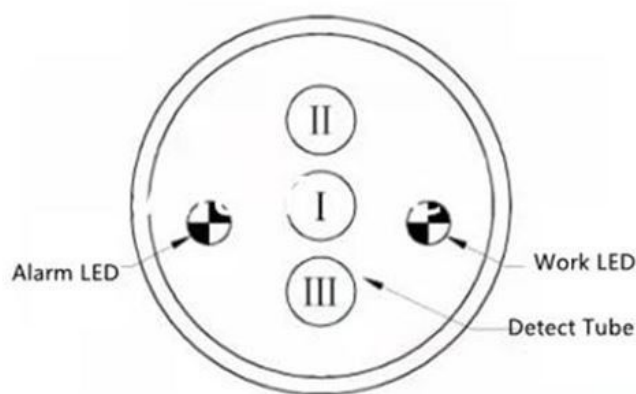

Introduction

The primary working principle of an IR flame detector involves monitoring the infrared radiation emitted by flames. Flames generated by the combustion of various fuels, including hydrocarbon-based materials, produce a characteristic infrared radiation spectrum that can be detected by the sensor. This allows the detector to distinguish the infrared signature of a flame from other heat sources or ambient infrared radiation.

It's suitable for the industries of petroleum, petrochemical refineries, pipelines, chemical plant, coking plant, oil depot and gas station, CNG, LNG, wine library, spray paint room, drilling platform, city gas, boiler room, metallurgical industry, fire engineering, ships, electric power industry and so on easy to produce liquid or gas fire, smokeless fire and explosion.

Specifications

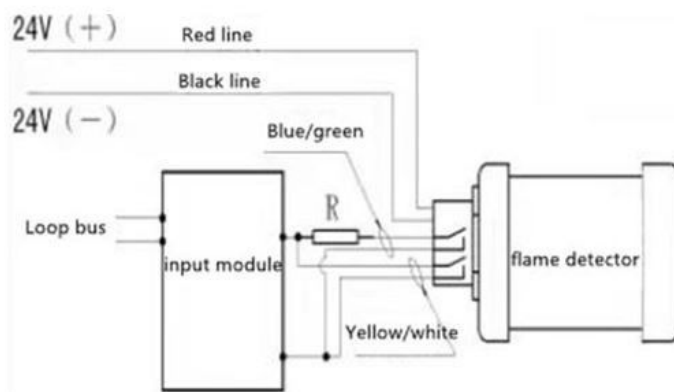|	
Working voltage	18V-32VDC
Interface	4"(Φ20mm) explosion-proof hose
Infrared Flame Detector Detection Angle	90 degree
Level of protection	IP66/IP65
Explosion Proof Level	Ex d IIC T6 Gb. Ex tD A21 IP66/IP67 T80
Alarm Status	≤40mA/24VDC
Fire response time	≤10S
Sensitivity	1m-40m can respond(0.1 m-1.3m)
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 ouput, 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 repaire 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 combustable 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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