Explosion Proof High Precision Infrared Flame Detector with 120 Degree Detection Angle for Industrial Fire Safety

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: XHA
- Certification: CCC
- Model Number: KF715IR3
- Minimum Order Quantity: 1PCS
- Packaging Details: 360*250*460mm/Carton(8pcs)
- Delivery Time: 3 Working days
- Payment Terms: T/T,Western Union
- Supply Ability: 500pcs/month

Explosion-Proof
Infrared Flame Detector

KF715/IR3

DC18-30V

Relay Output

Product Specification

- Working Voltage: DC24V
- Output: Relay Output
- Interface: 1xNPT 3/4
- Fire Response Time: ≤10S
- Applications: Fire Detection
- Capacity: 500/Month
- Infrared Sensor Probe Type: Infrared Flame Detector
- Types Of Detectors: Explosion-Proof Infrared Flame Detector
- Origin: China
- Sensitivity: Level 1(25m)
- UV Flame Detector Detection Angle: 120 Degree
- Highlight: **industrial flame detector high precision**, **explosion proof IR fire detector**, **professional fire safety alarm protection**

More Images

Product Description

Explosion Proof Infrared Flame Detector For Fire Safety Alarm System

Introduction

The flame detector is a Infrared/ultraviolet flame detector produced by our company. The equipment adopts high-performance sensor (infrared wavelength 2.2μm/3.8μm/4.4μm/5.3μm, ultraviolet wavelength 185 ~ 260nm), infrared wavelength 4.4μm sensor has high sensitivity to carbon dioxide generated by hydrocarbon combustion. The uv sensor is very sensitive to the ultraviolet radiation emitted by the flame. Other sensors filter the ambient light and ambient thermal radiation infection to better avoid the interference of the ambient environment on the detection results. Microcontroller technology, combined with sophisticated SMD process manufacturing, has good repeatability and temperature and humidity characteristics, long service life, easy to operate and other advantages.

The flame detector can not only give early alarm to organic compound combustion flame, but also has good alarm performance to inorganic combustion flame.

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

Product type:
XHA-IR1/IR2
KF715IR3
KF715UV
KF715UV/IR2

Working voltage	18V-32VDC
Interface	1xNPT 3/4
UV Flame Detector Detection Angle	120 degree
Infrared Flame Detector Detection Angle	90 degree

Level of protection	IP66
Explosion Proof Level	Ex d IIC T6 Gb. Ex tD A21 IP66/IP67 T80
Alarm Status	≤50mA/24VDC
Fire response time	≤10S
Detection range	Level I 25meters(33cm*33cm Ethanol fire)
Working environment	humidity ≤95%RH, no condensation
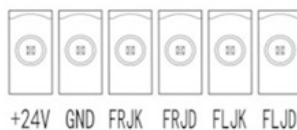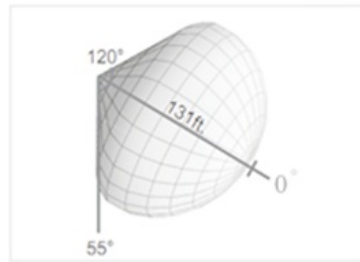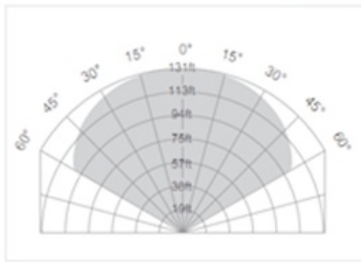
Terminal Description	
+24V	24V Power supply
GND	24V Power GND
FRJK	Fire relay N/O contact
FRJD	Fire relay public terminal
FLJK	Fault relay N/C contact
FLJD	Fault relay public terminal

+24V GND FRJK FRJD FLJK FLJD

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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