

KF715/UV Point Type UV Flame Detector For Hazardous Environments

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: XHA
- Certification: CCC
- Model Number: KF715UV
- Minimum Order Quantity: 1PCS
- Price: negotiable
- Packaging Details: 8pcs/Carton
- Delivery Time: 3 Working days
- Payment Terms: T/T, Western Union
- Supply Ability: 500pcs/month



Product Specification

- Product Type: UV Flame Detector
- Detection Method: Ultraviolet UV Sensor
- Power Supply: DC 24V
- Alarm Output: Relay Output
- Sensitivity: Level 1(25m)
- Response Time: Less Than 3 Seconds
- Installation: Ceiling Or Wall Mounted
- Highlight: **Point Type UV Flame Detector, KF715UV Flame Detector**



Product Description

Explosion Proof KF715/UV Point Type UV Flame Detector For Hazardous Environments



Introduction

The KF715/UV is a compact, high-performance flame detector that utilizes ultraviolet (UV) sensing technology. It employs an R2868 "daylight blind" UV photoelectric sensor, which is sensitive to the spectral range of 185 to 260nm.

The detector incorporates a 32-bit microprocessor and a patented signal processing algorithm to enable rapid and accurate flame detection.

Key Features:

Fast Response Time: The advanced signal processing capabilities allow the detector to quickly identify the presence of flames.

Improved Alarm Accuracy: The sophisticated algorithm helps reduce false alarm rates by accurately distinguishing genuine flame signatures.

Compact and Lightweight Design: The small form factor and low weight make the KF715/UV easier to install compared to larger flame detectors.

Explosion-Proof Construction: The detector housing is designed to meet explosion protection requirements, enabling safe operation in hazardous environments.

Applications

Petrochemical refineries and processing plants

Oil and gas facilities, including offshore platforms

Fuel storage and distribution centers

Munitions and explosives manufacturing sites

Chemical processing and storage warehouses

Other industrial locations with a high risk of fire and explosions

Integration with Fire Alarm Systems

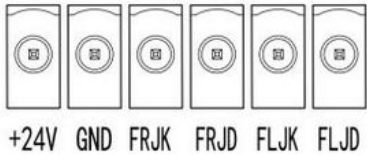
The KF715/UV flame detector can be seamlessly integrated with fire alarm control panels to initiate emergency response procedures upon detecting a fire.

The detector's output signals can be directly interfaced with the fire alarm system to trigger alarms, activate notification appliances, and notify emergency personnel.

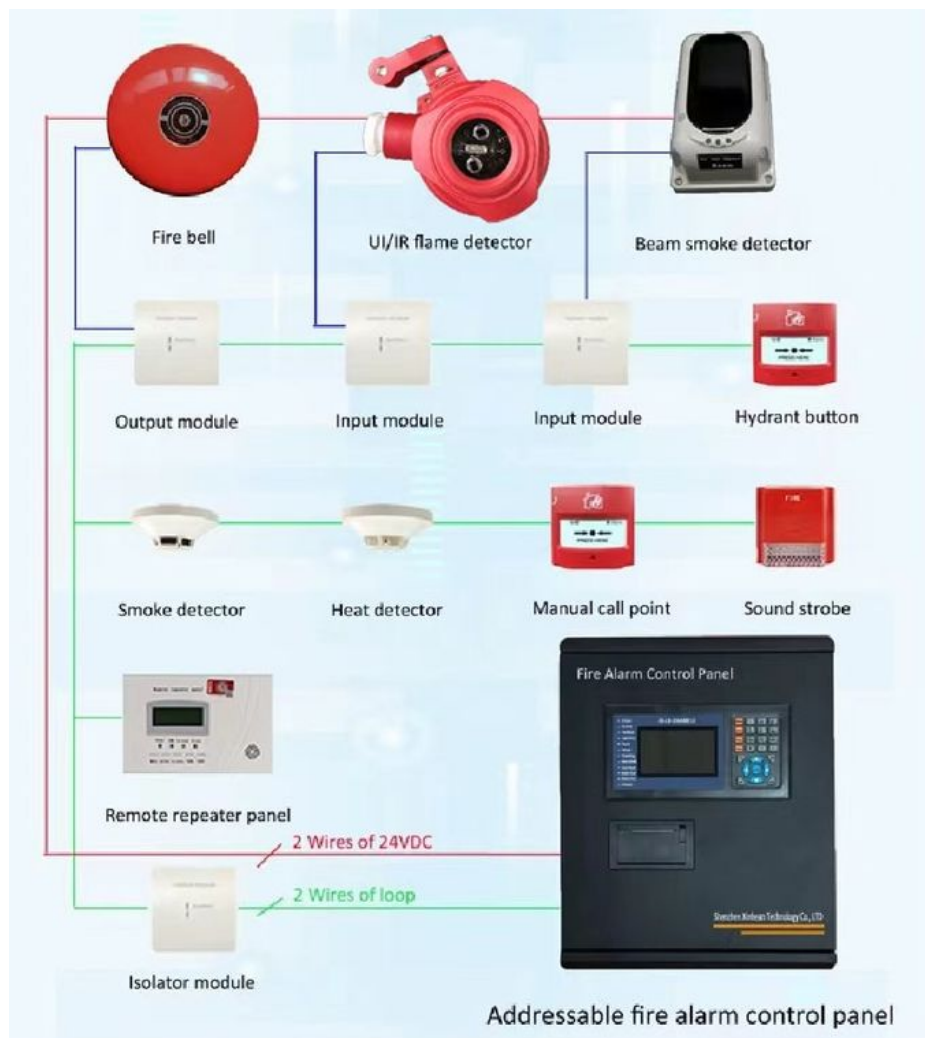
Specifications

Working voltage	24VDC
Interface	1xNPT 3/4
Spectrum Range	185~260nm
UV Flame Detector Detection Angle	120 degree
Level of protection	IP66/IP67
Explosion Proof Level	Ex d IIC T6 Gb. Ex tD A21 IP66/IP67 T80
Alarm Status	≤50mA/24VDC
Fire response time	≤3S
Detection range	Level I 25meters(33cm*33cm Ethanol fire)
Working environment	humidity ≤95%RH, no condensation

Terminal discription



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



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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