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United Kingdom



FIXED FLAME DETECTORS

FSL100 Flame Detectors

Commercial and light industrial flame detectors using either UV, UV/IR or 3IR sensors.

Overview



Honeywell's FSL100 range of Light Industrial/Commercial Flame Detectors enables simple coverage of fire hazard areas across many fire hazard applications. Installation, set-up and operation are simple. Wide solid area coverage and fast speed of response optimize safety. With inbuilt automatic test and test lamps available to cover all models, reliability is ensured.

Product Overview:

The newest Optoelectronic flame detector for a wide range of Light Industrial fire detection from Honeywell Analytics.

A range of middle market Optical Flame Detectors joining the HA FSX High End products. Addresses a wide range of fire protection applications both indoors and outdoors. With 3 versions to cover a wide range of flaming fires: Ultraviolet (UV), Ultraviolet/Infrared (UV/IR) and Triple Infrared (IR3).

Detects wide range of Hydrocarbon & Non-Hydrocarbon fires detecting a wide range of Hydrocarbon and Non-Hydrocarbon flaming fires means that many application areas can be addressed.

Wide viewing angle optical detection of radiant energy in a solid angle Field of View enables coverage of a large risk area. Simple optional mounting bracket allows the FSL100 to be installed and aligned covering the hazard.

Fast response far faster than other technologies, by responding to flaming fires in seconds enabling a more rapid response to danger before the fire can escalate.

FM Class1, 2 & 3 Div2 Can be installed indoors or outdoors and in Hazardous areas typically looking into a Div 1 area from a distance.

FM 3260 performance Certified to FM 3260 for flame Detector performance.

Relay and current output (Fault and Alarm) Analog stepped output and Alarm/Fault relays for simple connectivity.

Inbuilt Automatic Test and Simple to use Test Lamps FSL100 maintains continuous internal health monitoring. Test lamps enable simple operational and Field of View testing.

Features & Benefits:

- UV, UV/IR and IR3 Flame Detectors to cover a wide range of applications
- Robust, simple to install & set-up: Wide angle and fast speed of response
- Automatic test and test lamps for simple check and maintenance.

Quick Specs:

- FSL100 Flame Detectors - UV, UV/IR and IR3 for light industrial applications
- GRP Housing, available in Red or White with optional swivel mount
- 12-14Vdc, 25mA nominal operation
- 4 to 20mA and Relay outputs.

Fire and Gas Consultancy Services

Even the best products deserve expert maintenance!

Elevate your gas detectors' potential with Honeywell's expert maintenance services! Maximize uptime, eliminate costs, and ensure on-time, on-budget project completion.

Specifications

OVERVIEW

Brand

- Honeywell
- Honeywell
- Notifier

FEATURES

Sub-Category

- Flame Detectors

Alarm Settings

- Factory Setting: Latching
- Selectable LEDs and Relays Latching/Non-Latching

Features & Benefits

- Continuous Health Monitoring
- Ease of Installation and Use
- Fast and Reliable
- Great Performance
- High Speed Sensors and Microprocessor
- High Visibility Red
- Reduced Life Cost
- Remote Manual Self Test Option

Visual Indicators

- Continuous Green: Normal Operation
- Continuous Red: Alarm
- Continuous Yellow: Fault
- Flashing Yellow: Fault and Guide to Repeat Self-Test after a Self-Test Failure

Replacement Parts

- FSL100-TLBT: 12 VDC Battery for FSL-TL Test Lamp
- FSL100-TLBU: H3 Light Bulb for FSL-TL Test Lamp
- FSL100-TLCH: Universal Charger Kit for FSL-TL Test Lamp

DIMENSIONS & WEIGHT

Weight range

- 465 g

Dimension

- 4.9 in x 3.15 in x 2.25 in



TECHNICAL SPECIFICATIONS

Sensor Range

- IR3: 110ft
- UV and UV/IR: 80ft

Relay Output Configuration

- Alarm Relay: De-Energized During Normal Operation, No Alarm, SPDT, 30 VDC - 2A, 60W Max
- Fault Relay: Energised During Normal Operation, No Fault, SPDT, 30 VDC-2A, 60W max

Sensing Method

- IR3
- UV
- UV/IR

Mounting

- Swivel Bracket Assembly

Enclosure Rating

- Self-Extinguishing V-0 (UL-94)

Conduit Entries

- M20

Field of View

- 90°

Warm Up Time

- <10 sec

OPERATING CHARACTERISTICS

Minimum Temperature

- -40° C

ELECTRICAL SPECIFICATIONS

Operating Current

- 4 to 20 mA

Power Requirement

- 10 to 28 VDC

STANDARDS & CERTIFICATIONS

Ingress Protection

- IP65

MATERIAL SPECIFICATIONS

Enclosure Material

- Glass Reinforced Polyester (GRP)

OTHERS

Industry

- Energy



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Search

Part Number	FSL100-IR3
Description	Triple IR flame detector. Suitable for ATEX zone 222: FM 3611 Class 1:2&3 Div2EN54-10 (HIGH sensitivity) certificateFM3260 approval. Red Housing.
	SIGN IN
Part Number	FSL100-IR3-W
Description	Triple IR flame detector. Suitable for ATEX zone 222: FM 3611 Class 1:2&3 Div2EN54-10 (HIGH sensitivity) certificateFM3260 approval. White Housing.
	SIGN IN
Part Number	FSL100-SM21
Description	FSL100 Optional swivel mount
	SIGN IN
Part Number	FSL100-TL
Description	FSL100 test lamp: incl. universal charger and carrying case: non EX
	SIGN IN
Part Number	FSL100-TLBT
Description	12V DC Battery for FSL-TL Test Lamp
	SIGN IN
Part Number	FSL100-TLBU
Description	H3 light bulb for FSL-TL test lamp
	SIGN IN
Part Number	FSL100-TLX
Description	FSL100 test lamp: incl. carrying case: intrinsically safe (Pending *)
	SIGN IN
Part Number	FSL100-UV
Description	UV flame detector. Suitable for ATEX zone 222: FM 3611 Class 1:2&3 Div2EN54-10 (HIGH sensitivity) certificateFM3260 approval. Red Housing
	SIGN IN
Part Number	FSL100-UV-W
Description	UV flame detector. Suitable for ATEX zone 222: FM 3611 Class 1:2&3 Div2EN54-10 (HIGH sensitivity) certificateFM3260 approval. White Housing.
	SIGN IN

Part Number	FSL100-UVIR
Description	UVIR flame detector. Suitable for ATEX zone 222: FM 3611 Class 1:2&3 Div2EN54-10 (HIGH sensitivity) certificateFM3260 approval. Red Housing.
	SIGN IN

Product Number



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FSL100-IR3

Triple IR flame detector. Suitable for ATEX zone 222: FM 3611 Class 1:2&3 Div2EN54-10 (HIGH sensitivity) certificateFM3260 approval. Red Housing.

FSL100-IR3

Triple IR flame detector. Suitable for ATEX zone 222: FM 3611 Class 1:2&3 Div2EN54-10 (HIGH sensitivity) certificateFM3260 approval. Red Housing.

FSL100-IR3-W

Triple IR flame detector. Suitable for ATEX zone 222: FM 3611 Class 1:2&3 Div2EN54-10 (HIGH sensitivity) certificateFM3260 approval. White Housing.

FSL100-IR3-W

Triple IR flame detector. Suitable for ATEX zone 222: FM 3611 Class 1:2&3 Div2EN54-10 (HIGH sensitivity) certificateFM3260 approval. White Housing.

FSL100-SM21

FSL100 Optional swivel mount

FSL100-SM21

FSL100 Optional swivel mount

FSL100-TL

FSL100 test lamp: incl. universal charger and carrying case: non EX

FSL100-TL

FSL100 test lamp: incl. universal charger and carrying case: non EX

FSL100-TLBT

12V DC Battery for FSL-TL Test Lamp

FSL100-TLBT

12V DC Battery for FSL-TL Test Lamp

FSL100-TLBU

H3 light bulb for FSL-TL test lamp

FSL100-TLBU

H3 light bulb for FSL-TL test lamp



FSL100-TLX

FSL100 test lamp: incl. carrying case: intrinsically safe (Pending *)

FSL100-TLX

FSL100 test lamp: incl. carrying case: intrinsically safe (Pending *)

FSL100-UV

UV flame detector. Suitable for ATEX zone 222: FM 3611 Class 1:2&3 Div2EN54-10 (HIGH sensitivity) certificateFM3260 approval. Red Housing

FSL100-UV

UV flame detector. Suitable for ATEX zone 222: FM 3611 Class 1:2&3 Div2EN54-10 (HIGH sensitivity) certificateFM3260 approval. Red Housing

FSL100-UV-W

UV flame detector. Suitable for ATEX zone 222: FM 3611 Class 1:2&3 Div2EN54-10 (HIGH sensitivity) certificateFM3260 approval. White Housing.

FSL100-UV-W

UV flame detector. Suitable for ATEX zone 222: FM 3611 Class 1:2&3 Div2EN54-10 (HIGH sensitivity) certificateFM3260 approval. White Housing.

FSL100-UVIR

UVIR flame detector. Suitable for ATEX zone 222: FM 3611 Class 1:2&3 Div2EN54-10 (HIGH sensitivity) certificateFM3260 approval. Red Housing.

FSL100-UVIR

UVIR flame detector. Suitable for ATEX zone 222: FM 3611 Class 1:2&3 Div2EN54-10 (HIGH sensitivity) certificateFM3260 approval. Red Housing.

