

UV/IR Flame Detector

Model: SFD-1000

Features:

SFD-1000 is cutting edge flame detector, to detect wide range of hydrocarbon flames using UV and IR sensor to reduce false alarm and give fast reliable response to real fires

Additional to 4-20 mA output, 1 Alarm and 1 fault relay outputs considered to connect to universal FACPs, F&Gs and PLCs Control Panels.

General Characteristics:

- Infra-red, Ultra-violet sensor
- 4-20 mA analog output
- adjustable sensitivity range by dip switch
- -20 to +60 C operating temperature
- Aluminum Die-cast ATEX approved body
- Weather proof IP 65
- Easy access to termination without touching sensors alignment
- Normal, Fault and Alarm local LED indication
- Built-in Test Technology



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Technical Details:

Description	Rating	Description	Rating
Sensor	UV/IR	Humidity	95 % RH
UV Spectral Range	185-260 nm	Cable Type	3 x 1.5 mm ² for 4-20 mA
IR Spectral Range	4.2-4.6 μm	Entry Size	2 x M20
Response time	< 5 sec	Casing Material	Aluminum Die-cast
Detection Range	25 meters @ .1 m ² n-heptane pan fire	Temperature	-40 to +60 °C
Cone Of vision	100° Vertically and Horizontally	Dimension	195 x 121 x 95 mm
Output Signal	4-20 mA standard signal	Weight	Appx. 1.5 Kg
Relay output	1 alarm relay 1 Fault relay 7A 230 VAC	Ingress Protection (IP)	65
Power supply	19-30 VDC-400 mA max	Certification	II 2G Ex db IIC T6 Gb

Accessories Ordering Number:

Item	Description	Ordering Code
1	Sunshade	SFDSS
2	Pipe mount 2" U Bolt	SFD2PM
3	Swivel Mounting Rotatable	SFD5M