



Highly Advanced Sensor & Optics

UV/IR Flame Detector RFD-2FTN

SPECIFICATION

General

Spectral Response	Ultraviolet and Infrared
Detection Range	100ft(30m) for n-Heptane fire
Field of View	Horizontal 100° Vertical 100°
Response Characteristics	Typical 3 seconds
Temperature Range	Operating : -40°C to +80°C. Storage : -50°C to +90°C.
Humidity Range	0 to 95% relative humidity

Electrical

Operating Voltage	Typical DC 24V (17V to 30V).
Power Consumption	2.3W
Wiring	16 AWG to 26 AWG shielded cable recommended.
Electromagnetic Compatibility	EMI Protected

OutPut

Relays	- Fire Alarm: - Form A (NO contact) - Normally de-energized - Latching/Non-latching. - Contacts rated 1A at 30 vdc.
	- Fault Alarm - From A or B Selectable - Contacts rated 1A at 30 vdc.

SPECIFICATION

OutPut

4-20mA	A maximum loop resistance of 500 ohms
Fault	: 0mA +0.5mA
Normal	: 4mA ±0.5mA
Alarm	: 20mA ±0.5mA

RS-485	Proprietary communication for protocol link
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Mechanical

Dimensions	W64 x H64 x D75 (mm)
Enclosure Material	Aluminum (Anodized)
Shipping Weight	0.53kg
Color	Metalic Silver (Customized Color available)
Conduit Entry Size	1/2 NPT

Approvals

Performance	KFI (Korea Firesafety Institute)
Explosion Proof	ATEX & KGS & NEPSI II 2 GD Ex d IIC T6/T5
Water and dust tight CE	IP67/IP66 IP67/IP66

Accessories

Fire Simulator Bracket	TL-CF2 BK-1
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