



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.
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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

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 inch PF.

Approvals

Performance	KFI (Korea Firesafety Institute)
Explosion Proof	KGS (Korea Gas Safety Corporation) Ex d IIC T6
Water and dust tight CE	IP66 (Korea Testing Laboratory) TUV

Accessories

Fire Simulator Bracket	TL-205 BK-1
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APPLICATION

Oil&Gas Plant



General Application



APPLICATION

Accessories



<Sun shield>



<Test Lamp_TL-205>



<Air shield>



<Bracket_BK-1>

False Alarm Immunity Tech

