



Highly Advanced Sensor & Optics

UV/IR2 Flame Detector RFD-2T

SPECIFICATION

General

Spectral Response	Ultraviolet and Infrared
Detection Range	25m for n-Heptane fire
Field of View	Horizontal 90° Vertical 90°
Response	Typical 3 seconds
Temperature Range	Operating : -40°C to +75°C. Storage : -50°C to +90°C.
Humidity Range	0 to 95% relative humidity

Electrical

Operating Voltage	Typical DC 24V (17V to 32V).
Power Consumption	2.3W (Minimum) ~ 5.8W(Max)
Wiring	16 AWG to 26 AWG shielded cable recommended.
Electromagnetic Compatibility	EMI Protected

SPECIFICATION

OutPut

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

Dimensions	W64 x H64 x D75 (mm)
Enclosure Material	Aluminum (Anodized)
Shipping Weight	0.4kg
Color	Metalic Blue (Customized Color available)
Conduit Entry Size	1/2 inch PF.

Approvals

Performance	KFI (Korea Firesafety Institute)
Water and dust tight	IP66 (Korea Testing Laboratory)

Accessories

Fire Simulator Bracket	TL-205 BK-1
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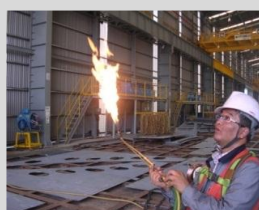
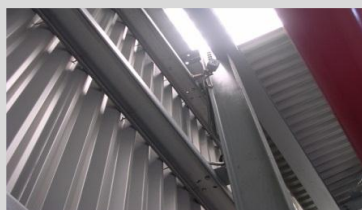
UV/IR2 Flame Detector
RFD-2T

APPLICATION

Oil&Gas Plant



General Application



APPLICATION

Accessories



<Sun shield>



<Test Lamp_TL-205>



<Air shield>



<Bracket_BK-1>

False Alarm Immunity Tech

