



Highly Advanced Sensor & Optics

UV/IR Flame Detector RFD-2FTN

SPECIFICATION	
<u>General</u>	
Spectral Response	Ultraviolet and Infrared
Detection Range	100ft(30m) for n-Heptane fire
Field of View	Horizontal 100° Vertical 100°
Response Characteristics	Typically 3 seconds
Temperature Range	Operating : -40°C to +75°C. Storage : -50°C to +85°C.
Humidity Range	0 to 95% relative humidity
<u>Electrical</u>	
Operating Voltage	Typically DC 24V (17V to 30V).
Power Consumption	2.3W
Wiring	16 AWG to 26 AWG shielded cable recommended.
Electromagnetic Compatibility	EMI Protected
<u>OutPut</u>	
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	
<u>OutPut</u>	
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
<u>Mechanical</u>	
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 NPT
<u>Approvals</u>	
Performance	KFI & CCCF
Explosion Proof	ATEX & KGS & NEPSI II 2 GD Ex d IIC T6/T5
Water and dust tight	IP67/IP66
CE	IP67/IP66
<u>Accessories</u>	
Fire Simulator Bracket	TL-205 BK-1



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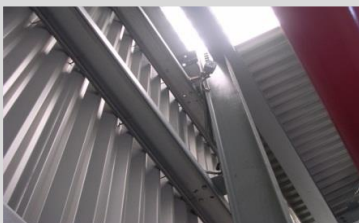
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APPLICATION

Oil&Gas Plant

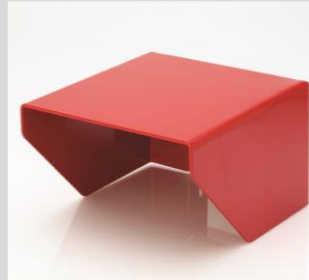


General Application



APPLICATION

Accessories



<Sun shield>



<Test Lamp_TL-205>



<Air shield>



<Bracket_BK-1>

False Alarm Immunity Tech

