REZONTECH

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℃ to +75℃.
	Storage : -50℃ to +85℃.
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	

Mechanical	
Dimensions	W64 x H64 x D75 (mm)
Enclosure Material	Aluminum (Anodized)
Shipping Weight	0.53kg
Color	Metalic Silver (Costomized Color avaliable)
Conduit Entry Size	1/2 inch PF.

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

Accessories	
Fire Simulator	TL-205
Bracket	BK-1

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APPLICATION	APPLICATION

Oil&Gas Plant

General Application

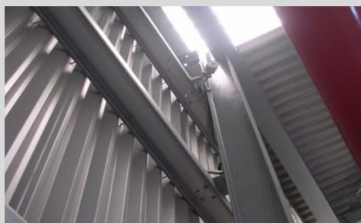**Accessories**

<Sun shield>   <Test Lamp_TL-205>

<Air shield>   <Bracket_BK-1>

False Alarm Immunity Tech