

UV/ IR Type RFD-2FTN-H SPECIFICATION



General specification

Spectral response	UV/IR Type & Hydrogen
Detecting range	65.6ft (20m), for n-Heptane fire 49ft (15m), for Hydrogen 32" Plume 19ft (6m), for Hydrogen 15" Plume
Field of view	Horizontal 90°, Vertical 90°
Response time	Typical 3~30 sec
Temperature Range	T5 : -40°C to +75°C. T6 : -50°C to +65°C.
Humidity Range	0 to 95% relative humidity

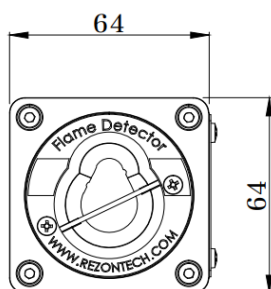
Electrical specification

Operating Voltage	Typical DC24Vdc (17 to 30 Vdc)
Power Consumption	70mA(maximum 180mA)
Wiring	16~26AWG
Electromagnetic Compatibility	EMC Protected

Mechanical

Dimensions	64(W) x 64(D) x 75(H) mm
Enclosure Material	Aluminum
Shipping Weight	0.6kg
Conduit Entry Size	1 x 1/2 inch NPT

Dimensions



Output signal

Relays

Fire Alarm	- Form A or B Selectable Contact Related 0.2A 30Vdc
Fault Alarm	- Form A or B Selectable Contact Related 0.2A 30Vdc
4~20mA	A maximum loop resistance of 500 ohms
	Fault : 0mA ±0.5mA Normal : 4mA ±0.5mA IR Detected : 8mA ±0.5mA UV Detected : 12mA ±0.5mA Warning : 16mA ±0.5mA Alarm : 20mA ±0.5mA
RS-485	Proprietary communication

Approvals

Performance	FM3260
Explosion proof , Dust	ATEX (Presafe 17 ATEX 1786X) Ex II2 GD Ex db IIC T6/T5 Gb Ex tb IIIC T85°C/T95°C Db
Water Tight	IP66/67

Accessories



Bracket



Sunshield



Airshield



Fire Simulator