

UV/IR Type RFD-2000X-H SPECIFICATION



General specification

Spectral response	UV / IR Type & Hydrogen
Detecting range	15m/49.5ft (for n-Heptane) 15m/49.5ft (for Hydrogen 32" Plume)
Fled of view	Horizontal 90°, Vertical 90°
Response time	Typical 5 - 10 sec
Temperature Range	Operating : -40°C to +75°C. Storage : -50°C to +80°C.
Humidity Range	0 to 95% relative humidity

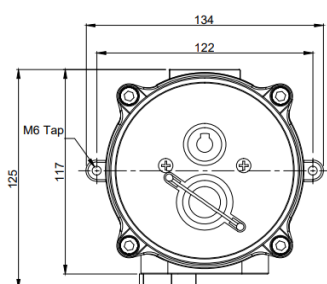
Electrical specification

Operating Voltage	Typical DC 24V (18 to 30)
Power Consumption	1.8W maximum at 32 vdc
Wiring	14 AWG (2.08mm ²) to 24 AWG (0.205mm ²) shielded cable recommended

Mechanical

Dimensions	134(W) x 117(D) x 120(H)mm
Enclosure Material	Stainless Steel 316
Shipping Weight	3.4Kg
Color Metal	Metal
Conduit Entry Size	2 x 1/2 inch NPT, M20 x 1.5

Dimensions



Output signal

Relays

Fire Alarm	- Form A or B Selectable - normally de-energized - Latching/Non-Latching - Contacts rated 2A at 28 VDC
Fault Alarm	- Form A or B selectable - Normally energized - Contacts rated 2A at 28 VDC
Warning Alarm	- Form A or B selectable - Normally de-energized - Contacts rated 2A at 28 VDC

4-20mA A maximum loop resistance of 500 ohms

	General Fault : 0 +0.5mA Normal : 4mA ± 0.5mA IR Detection : 8mA ± 0.5mA UV Detection : 12mA ± 0.5mA Warning : 16mA ± 0.5mA Alarm : 20mA ± 0.5mA
--	---

RS-485 Proprietary communication

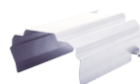
Approvals

Performance	FM3260
Hazardous area	Class I Division 1 Groups B,C and D Class II Division 1 Groups E,F and G Class III (FM)
Explosion proof	IECEx , ATEX , Ex d b IIB+H2 T6
Water & dust tight	IP66/67, NEMA Type 4X

Accessories



Bracket



Sunshield



Fire Simulator