RFD-2000X - ULTRAVIOLET & INFRARED FLAME DETECTOR

SPECIFICATIONS

Models:	RFD-2000X
Rated Voltage	17 - 32 VDC
Alarm Current	20mA
Relay Contact Voltage	28 VDC max.
Relay Contact Current	2A max.
Detector Output	4-20mA
Wiring Gauge	14 AWG - 24 AWG shielded
Range of View	100 ft. (30m)
Field of View	90° Horizontal & Vertical
IP Rating	IP67
Operating Temperature	-40°C(-40°F) ~ 75°C(167°F)
Storage Temperature	-50°C(-50°F) ~ 80°C(176°F)
Relative Humidity	95%, Non-Condensing
Color / Material	Metal / Stainless Steel 316
Dimensions	5.3" W x 4.6" H x 4.7" D (134mm x 117mm x 120mm)
Weight	3.4kg

STANDARD FEATURES

- FM Approved
- Built-in Ultra violet and Infrared flame Sensors
- Explosion Proof (ATEX Ex d IIB + H2)
- Range of view up to 100ft. (30m)
- Reduces false alarm by built-in combination filters and signal processing techniques
- IP67 Rated for water and dust tight protection
- 4-20mA Output
- 3 built-in relays (Alarm, Fault & Warning Alarm)

APPLICATION

The RFD-2000X (explosion proof) Ultra Violet Infrared flame detector is suited for installation where open flame fires may be expected. It responds to the light frequencies emitted from flames during combustion. This detector is used to detect flames from burning aviation fuels, butane, grain & feeds, hydrogen, paper, natural gas, and petrol.

OPERATION

The RFD-2000X (Explosion proof) detector discriminates between flames and other light sources by responding only to set optical wavelenghts and flame flicker frequencies. The built-in filters and signal processing techniques help reduce false alarms due to flickering sunlight. Rezontech's flame detector test unit (Test Lamp_TL-205) can be utilized to test the flame detector.

PRODUCT LISTINGS

- FM Approved (FM 3260)
- ATEX Ex d IIB + H2 (Explosion proof)
  Class I division 1 Group B,C and D
  Class II division 1 Groups E, F and G
  Class III
- IP67 (Water and dust tight)

ACCESSORIES

- Sun Shield
- Air Shield
- Braket_BK-2

Specifications subject to change without notice.

Find latest revision at **www.hochiki.com**

ISO 9001:2008 REGISTERED

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