

IR3 Flame Detector

- RFD-3000X is a Triple IR (IR3) Flame Detector with international certifications.
- Identify fire by analyzing the IR wavelengths of a long distance flame
- Maximum 60 meters of detection range with a 90 degree cone of vision.
- Permits operation at Hazardous areas.
- User selectable output options among Relays, 4-20MA stepped output, and Rs-485.



Specification

Type : Triple Infrared

- Detection Range : 200ft(60m(FM)), 50m(KFI) for n-Heptane fire
- Field of View : Horizontal 90°, Vertical 90°
- Temperature Range Operating : -40°C to +75°C
- Humidity Range : 0 to 95% relative humidity
- Explosion proof :
 - Ex d IIB+H2 T5 IP66/67(KGS)
 - II 2G Ex db IIB+H2 T5 Ta= -40°C to 75°C Ip66 / IP67 (ATEX)
 - Class I Division 1 Groups B,C and D(FM)
 - Class II Division 1 Groups E,F and G(FM)
 - Class III (FM)
 - Ex dIIC T5 Gb DIP A21 TA, T5 IP67(NEPSI)
- Output
 - Relay
 - Fire Alarm, Fault Alarm, Warning Alarm
 - From A or B Selectable, 30vdc, 3A
 - 4-20mA
 - RS-485



Highly Advanced Sensor & Optics



Highlights

- Multispectrum IR sensors
- Approval for FM, ATEX, IECEx, CCCF, NEPSI, KFI and KGS
- High reliability in operation with Automatic and Manual Self-Diagnosis
- Enhanced False Alarm Immunity against sunlight and artificial false alarm sources
- Approval for Explosion-Proof and Dust Ignition proof
- Suitable for hazardous areas such as Oil, Gas stations and Petrochemical plants
- Excellent resistance to corrosion



UV/IR Flame Detector

- RFD-2000X is a UV/IR type Flame Detector with international certifications.
- Identify fire when both UV and IR sensors simultaneously detect the presence of a flame.
- Maximum 30 meters of detection range with a 90 degree cone of vision.
- Permits operation at Hazardous areas.
- User selectable output options among Relays, 4-20MA stepped output, and RS-485.



Specification

- Type : Ultraviolet and Infrared
- Detection Range : 100ft(30m) for N-Heptane fire
- Field of View : Horizontal 90°, Vertical 90°
- Temperature Range Operating : -40°C to +75v
- Storage : -50°C to +80°C
- Humidity Range : 0 to 95% relative humidity
- Explosion proof :
 - Class I Division 1 Groups B,C and D(FM)
 - Class II Division 1 Groups E,F and G(FM)
 - Class III (FM)
 - Ex db IIB+H2 T6(ATEX, KGS)
- Output
 - Relay
 - Fire Alarm, Fault Alarm, Warning Alarm
 - From A or B Selectable, 28vdc, 2A
 - 4-20mA

Highlights

- UV/IR Dual-sensors
- Enhanced False Alarm Immunity against sunlight and artificial false alarm sources
- Approval for Explosion-Proof and Dust Ignition proof
- High reliability in operation with Automatic and Manual Self-Diagnosis
- Suitable for hazardous areas such as Oil, Gas stations and Petrochemical plants

