



Certificate of Compliance

FIRE PROTECTION EQUIPMENT

This certificate is issued for the following equipment:

RFD-2000X, UV/IR Flame Detector

RFD-2000X-a/ST/b/FM

a = Detection Type: H (for Hydrogen) or Blank (for Heptane)

b = Field Entry Type: 2N or 2M

Rezontech RFD-2000X, UV/IR flame detector (Firmware Ver. 1.0) The detector enclosure is Explosionproof for Class I, Division 1, Groups B, C and D; Dust-ignitionproof for Class II/III, Division 1, Groups E, F and G, T6 Ta = -40°F (-40°C) to 176°F (75°C); hazardous (classified) locations, indoors and outdoors (Type 4X/IP67). Proper installation requires the use of a mounting bracket assembly. Detectors operate from 17 to 32 V dc. Communicate alarm and trouble conditions by relay contacts and 4-20 mA signals. Fuel tested for response include the following: Heptane, Hydrogen for a = H

Approval Guide Listing: Category:

Electrical Signaling, Alarm Signal Initiating Devices, Fire Detection, Flame Actuated.

Hazardous Location Equipment – United States, Detectors, Flame

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This certifies that the equipment described has been found to comply with the applicable requirements, as stated in the Approval Report(s), of the following FM Approval Standards and other documents:

Approval Standards

| <i>Class Number</i> | <i>Date</i> |
|---------------------|-------------|
| 3260 | 2000 |
| 3600 | 2011 |
| 3615 | 2006 |
| 3810 | 2005 |

Other Standards

| <i>Organization, Designation</i> | <i>Date</i> |
|----------------------------------|-------------|
| ANSI/NFPA 72 | 2002 |
| ANSI/3260 | 2004 |
| ANSI/IEC 60529 | 2004 |
| ANSI/NEMA 250 | 1991 |

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Related Report:

Subsequent Revisions: 0003043770 and 0003040396

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Member of the FM Global Group