

DP931VAS-RF

Series 930 Wireless Optical Detector With Sounder & Red Visual Indicator

General

The DP931VAS-RF is wireless addressable optical detector with integrated sounder and red visual indicator. It detector works on the light scatter principle and is ideal for applications where slow-burning or smouldering fires are likely. It is designed to provide notification and detection at a single point. The DP931VAS-RF connects to a FP1200/2000 or 2X series panel by means of a wireless interface unit.

The Range

The 930RF series consists of:

- Optical smoke detectors
- Combination optical detectors /w sounders
- Combination optical detectors /w sounders & visual indicators (clear & red)
- Optical/heat multisensors
- Combination optical/heat multisensors /w sounders
- Combination optical/heat multisensors /w sounders & visual indicators (clear & red)
- Heat detectors (A1R and CS)
- Combination heat detectors /w sounders
- Combination heat detectors /w sounders & visual indicators (clear & red)
- Sounders (red & white)
- Sounder/beacons (red & white)
- Manual Call Points
- Interface Modules (single & dual inputs)

Operating Principle

Fire devices are often installed in buildings where wiring presents a challenge because the fabric of the building or its design is negatively affected by the use of cables. It could also be difficult to introduce cable runs into historic buildings. The 930RF series is ideal for these applications.

The 930RF devices communicate with a standard (wired) 900 series loop by means of radio signals. A wireless interface is connected to the loop in the same way as any other interface, and operates as an input/output unit. Every 930RF series device is assigned an address that is recognised by the control panel in the same way as if the device was connected directly to the loop wiring. Being wireless is completely transparent for the CIE.



Standard Features

- Easy to install, single point application
- Proven technology
- 4 Tone pairs supported
- Standard 900 series card addressing
- Self-monitoring, bi-directional radio platform
- Eliminates cable installation problems
- Backup battery support
- 5 years battery life*
- Uses 868MHz radio channels
- EN54:25 and CPD certified
- * At specified testing intervals

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Specifications

| General | |
|------------------------|---|
| Status indication | LED |
| User interface | LED |
| Wireless frequency | 868 MHz |
| Compatibility | Systems with Aritech 900 series compatibility |
| Connectivity | Wireless |
| Addressing method | Card Addressing |
| Electrical | |
| Operating voltage | 2.8 to 5 VDC |
| Detection | |
| Detection principle | Optical light scatter |
| Monitoring | Device type, Presence |
| Physical | |
| Physical dimensions | 146 x 84 mm (Ø x H) |
| Net weight | 760 g |
| Colour | White |
| Mounting type | Base mount, Ceiling mount |
| Batteries | Duracell Pro Cell 6 x AA size |
| Environmental | |
| Vandal proof | No |
| Environment | Indoor |
| Standards & regulation | |
| Compliance | CE, REACH, RED (2014/53/EU), RoHS 2, WEEE |
| Certification | CPR |
| Standards | EN54-3, EN54-7, EN54-25 |

Ordering Information

| Part No. | Description |
|-------------|--|
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