

Discovery - Heat Detector

Features

- Ideal in environments that are dirty or smoky under normal conditions
- Well suited for warehouses, loading bays and car parks
- Unaffected by wind or atmospheric pressure
- Remote test feature
- Five operating modes approved and certified
- Automatic drift compensation to ensure constant sensitivity
- Rejection of transient signals
- 360° LED visibility in alarm & Flashing LED option
- Alarm flag for fast alarm reporting
- Insect resistant

Description

Discovery is a range of high specification, analogue addressable fire detectors. Discovery detectors offer reliable detection and false alarm management by a combination of approved operating modes and sophisticated algorithms. Discovery has a 'distributed intelligence' system where decisions are made in the detector head as well as the control panel. Drift compensation is also incorporated into the detector, allowing it to adapt to dirty or dusty environments which reduces false alarms.

Each detector in the Discovery range can operate in one of five response modes, which can be selected from the control panel or hand held programmer. The response characteristics have been carefully set so that the detectors comply with the requirements of the relevant standards in all response modes. Mode One will give a higher sensitivity to fire than Mode Five.

Designed for the use in medium to large applications with specific system requirements, Discovery gives you total reassurance in installations where adaptability to changing conditions and protection against unwanted alarms is paramount.

Applications

- Dusty Environments
- Warehouses
- Car Parks
- Kitchens & Restaurants
- Loading Bays

Item Numbers



Heat Detector

Specifications

| | |
|-----------------------|-----------------------------|
| Operating voltage | 17 to 28 VDC |
| Quiescent current | 340µA average 600µA peak |
| Alarm current LED on | 3.5mA |
| Remote LED current | 4mA at 5V |
| Dimensions | 100mm Dia x 50mm H inc base |
| Operating temperature | -40°C to +70°C (no icing) |
| Relative humidity | 0 to 95% (non condensing) |
| IP rating | IP54 (indoor use) |
| Weight | 160 grams inc base |

For further information refer Product Guide MAN3038.



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| Discovery Heat Detector | LPCB (EN54-5) 58000-400AMP | SAI Global (AS7240-5) 4106-2007 | Activfire (1603-1) 201-0089 (type C) 201-0090 (type D) 58000-430 |
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