DT992

Apollo Discovery Heat Detector (58000-400)

General

The DT992 is an elegant, slim-line addressable heat detector that provides temperature information to the CIE. It uses a single thermistor to sense the air temperature around the detector. With its 5 operating modes, it supports 5 classes of temperature detectors as stipulated by EN54.

Operating Modes

Every operating mode has a different behaviour, each suitable for a different application. All modes have a fixed temperature trigger, with optional rate-of-rise selection allowing the detector to respond to a temperature alarm before the fixed level is reached. The DT992 supports A1R (57°C with rate-of-rise), A2R (61°C with rate-of-rise), A2S (61°C static), CR (90°C with rate-of-rise) and CS (90°C static) modes of operation.

Unique Addressing

A unique, patented addressing method provides simple, user-friendly and accurate identification of device location. A coded card, inserted in the base, is read by the detector as it is plugged in. All the electronic components are in the detector, but the location information is held in the base. Addressing errors during maintenance are eliminated because the address remains in the base. Pre-coded and pre-numbered address cards are available.

Applications

The DT992 is ideal for use in environments that are dirty or smoky under normal conditions. It is therefore well suited installation in warehouses, loading bays and car parks.



Details

- 5 Approved response modes for ease of optimisation to different environments
- Rejection of transient signals
- Drift compensation to ensure constant sensitivity
- 360° Alarm visibility
- Flashing LED option
- Fast alarm reporting
- EN54 approved and CPR certified

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Technical specifications

General

Status indication	Alarm: Dual Red LEDs

Electrical

Operating voltage	17 to 28 VDC
Current consumption	3.5 mA (Alarm) 400 µA (Quiescent)
Communication voltage (peak to peak)	5 to 9 V
Remote LED output	<5 mA

Physical

Physical dimensions	100 x 42 mm (Ø x H)
Net weight	105 g
Colour	White
Mounting type	Base mount
Material (body)	Polycarbonate

Environmental

Operating temperature	-40 to +80°C (Operating mode dependent)
Storage temperature	-40 to +80°C
Relative humidity	0 to 95% noncondensing
Environment	Indoor
IP rating	IP54
Max. wind (continuous)	Not affected

Regulatory

Certification	EN54-5

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