

# DT992

**Sensore termico con uscita remota o.c. - EN54.**

## 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.



## Dettagli

---

- 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

# DT992

Sensore termico con uscita remota o.c. - EN54.

## Specifiche tecniche

### Elettrico

|                       |              |
|-----------------------|--------------|
| Tensione di esercizio | 17 to 28 VDC |
|-----------------------|--------------|

### Fisico

|                    |                     |
|--------------------|---------------------|
| Dimensioni fisiche | 100 x 42 mm (Ø x H) |
|--------------------|---------------------|

|            |       |
|------------|-------|
| Peso netto | 105 g |
|------------|-------|

|        |        |
|--------|--------|
| Colore | Bianco |
|--------|--------|

|                   |                     |
|-------------------|---------------------|
| Tipo di montaggio | Montaggio alla base |
|-------------------|---------------------|

|                     |               |
|---------------------|---------------|
| Materiale (scatola) | Polycarbonato |
|---------------------|---------------|

### Ambientale

|                       |   |
|-----------------------|---|
| Temperatura operativa | -40 to +80°C (Operating mode dependant) |
|-----------------------|---|

|                                 |              |
|---------------------------------|--------------|
| Temperatura di immagazzinamento | -40 to +80°C |
|---------------------------------|--------------|

|                  |                        |
|------------------|------------------------|
| Umidità relativa | 0 to 95% noncondensing |
|------------------|------------------------|

|          |         |
|----------|---------|
| Ambiente | Interno |
|----------|---------|

|           |      |
|-----------|------|
| IP rating | IP54 |
|-----------|------|

### Regolatorio

|                |        |
|----------------|--------|
| Certificazioni | EN54-5 |
|----------------|--------|

### Electrical

|                                      |         |
|--------------------------------------|---------|
| Communication voltage (peak to peak) | 5 - 9 V |
|--------------------------------------|---------|

|                   |        |
|-------------------|--------|
| Quiescent current | 400 µA |
|-------------------|--------|

|               |        |
|---------------|--------|
| Alarm current | 3.5 mA |
|---------------|--------|

|                   |        |
|-------------------|--------|
| Remote LED output | < 5 mA |
|-------------------|--------|

### Alarm indication

|               |
|---------------|
| Dual Red LEDs |
|---------------|

### Environmental

|                        |              |
|------------------------|--------------|
| Max. wind (continuous) | Not affected |
|------------------------|--------------|



In quanto azienda in continua innovazione, Carrier Fire & Security si riserva il diritto di modificare le specifiche del prodotto senza preavviso. Per avere informazioni sempre aggiornate, visita [it.firesecurityproducts.com](http://it.firesecurityproducts.com) online o contatta il tuo riferimento commerciale.

Last updated on 30 May 2023 - 17:31