Product data sheet

DT992CO

Detector analógico térmico y CO. Serie 950.

General

The DT992CO combination carbon monoxide and heat detector is an elegant, slim-line addressable detector. It detects the presence of carbon monoxide or heat, or a combination of both depending on the operating mode selected.



Operating Modes

The DP992CO supports 5 operating modes for various applications:

> Very high sensitivity CO, moderate heat
For a high overall sensitivity to both smouldering and flaming fires

> CO Detection only

> Moderate sensitivity CO, moderate heat
For general fire applications

> Low sensitivity CO, moderate heat
For areas where a certain amount of CO is normal

> Temperature only, A1R

Operating Principles

The signals from the CO cell and temperature sensor are independent of each other. They individually represent the amount of CO or heat in the vicinity of the detector. When the DT992CO is used in heat only mode, it performs like a standard A1R, grade 1 rate-of-rise thermal detector, whilst in CO only more, the detector acts as a pure CO fire detector.

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

Indicación de estado	Dual Red LEDs (alarm)
Vida de la celula de CO	7 years

Eléctrico

Voltaje de funcionamiento	17 to 28 VDC
Voltaje de comunicación	5 - 9 V (peak to peak)
Consumo de corriente	400 µA (quiescent) 3.5 mA (alarm)

Salida

Ratio y tipo de salida	remote LED output (< 5 mA)

Físico

Dimensiones físicas	100 x 54 mm (Ø x H)
Peso neto	105 g
Color	Blanco
Material	Policarbonato

Medioambiental

Temperatura de funcionamiento	0 to +50°C (no icing)
Temperatura de almacenamiento	-10 to +30°C
Humedad relativa	15 to 90% noncondensing
Entorno	Interior
Clasificación IP	IP44

Estándares y regulaciones

Certificación	EN54-5

Environmental

Max. wind (continuous)	not affected

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