

DT992CO

Apollo Discovery CO/Heat Multisensor (58000-305)

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.



Standard Features

- 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

DT992CO

Apollo Discovery CO/Heat Multisensor (58000-305)

Specifications

Electrical	
Operating voltage	17 to 28 VDC
Operating voltage	17 - 28 VDC
Communication voltage (peak to peak)	5 - 9 V
Quiescent current	400 µA
Alarm current	3.5 mA
Remote LED output	< 5 mA
Physical	
Physical dimensions	100 x 54 mm (Ø x H)
Net weight	105 g
Colour	White
Material	Polycarbonate
Size (H x Ø)	54 x 100 mm
Weight	105 g
Colour	White
Material	Polycarbonate
Environmental	
Operating temperature	0 to +50°C
Storage temperature	-10 to +30°C
Relative humidity	15 to 90% noncondensing
Environment	Indoor
IP rating	IP44
Operating temperature (no icing)	0°C to +50°C
Storage temperature	+10°C to +30°C
Relative humidity (non-condensing)	15 - 90%
Max. wind (continuous)	Not affected
Standards & regulation	
Certification	EN54-5
Alarm indication	
	Dual Red LEDs
0	
IP Rating	IP44
CO cell life	
	7 years

Ordering Information

Part No.	Description
DT992CO	Apollo Discovery CO/Heat Multisensor (58000-305)
DB950	950/990 Series Standard Base