

DP991T

Rivelatore multicriterio Apollo Discovery (58000-700)

General

The DP991T is an elegant, slim-line, optical/heat multi-sensor with high performance analogue addressable features. Compensation for sensor drift is included as part of the internal signal-processing algorithm.

Operating Principles

The DP991T multisensor detector contains an optical smoke sensor and a temperature sensor whose outputs are combined to give the final decision of a possible fire situation. The way in which the signals from the two sensors are combined depends on the response mode selected. Five operating modes provide response behaviour which incorporates pure heat detection, pure smoke detection and a combination of both. The multisensor is therefore useful over the widest range of applications.

Unique Addressing

A unique, patented addressing method provides simple, user-friendly and accurate identification of monitor location whereby a coded card, inserted in the base, is read by any monitor as it is plugged in. All the electronic components are in the monitor, but the location information is held in the base. Addressing errors during maintenance and service are eliminated. Precoded and pre-numbered address cards are also available. These address cards simplify and speed up installation and commissioning.



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

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Specifiche tecniche

Generale	
Indicazione stato	2 clear LEDs (red in alarm)
Compatibilità	Addressable panels with 900 series (Apollo) support
Livelli di allarme	5
Connettività	2-wire loop
Metodo di indirizzamento	Indirizzamento tessere

Elettrico	
Tipo di alimentatore	Alimentato ad anello
Tensione di esercizio	17 to 28 VDC
Comunicazione	5 - 9 V (peak to peak)
Consumo attuale	400 µA (quiescent) 3.5 mA (alarm)

Rivelazione	
Principio di rilevamento	Optical light scatter and heat
Monitoraggio	Alarm threshold, Contamination level
Velocità aria	No effect

Uscita	
Quantità in uscita	1
Tipo di uscita e intervallo	Remote LED output 5 mA
Programmabile	Yes

Fisico	
Dimensioni fisiche	50 x 100 (H x Ø)
Peso netto	105 g
Colore	Bianco
Tipo di montaggio	Montaggio su base
Materiale (scatola)	Polycarbonato

Ambientale	
A prova di vandalo	No
Temperatura operativa	-20 to +60°C
Temperatura di immagazzinamento	-40 to +70°C
Umidità relativa	0 to 95% noncondensing
Ambiente	Interno
IP rating	IP44

Regolatorio	
Conformità	CE, REACH, RoHS, WEEE
Certificazioni	CPR
Standards	EN54:5, EN54-7