

DI-9103E

GST Intelligent DI-9000E Series Addressable Heat Detector

General

The Intelligent DI-9103E heat detector is able to offer both fixed temperature alone, or rate-of-rise temperature alarms. It analyses the environmental temperature conditions using a semiconductor heat sensor.

It supports EN54 temperature classes A1R, A2S and BS.

Applications

The DI-9103E is especially suitable to places where a flaming fire is more likely to occur forcing a sharp rise in temperature.

Overview

The GST DI-91xxE series intelligent detectors all feature the latest GST digital loop protocol and are compatible with the GST200N and GST-IFP4E intelligent fire alarm control panels. This enhanced digital communication protocol offers the possibility for the detectors to raise an alarm within 1 second, allowing more control and better and faster processing at the CIE.

All the DI-9000E series detectors may be installed onto the common detector base and allow for the connection of a common remote indicator.



Details

- Electronic addressing safeguarding against uncontrolled address changes
- Self-diagnostic testing ensuring reliability at all times
- Local reed-switch test activation for easy maintenance
- Alarm LED with 360° visibility
- Remote indicator output
- Configurable polling LED support
- 3 Programmable detection categories
- LPCB marked

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Especificaciones técnicas

General

Indicación de estado	LED
Compatibilidad	GST DI-9000E systems
Alarm levels	3
Conectividad	2-wire loop & remote indicator
Método de direccionamiento	Electronic

Eléctrico

Tipo de fuente de alimentación	Alimentado por bucle
Operating voltage	16 to 28 VDC (24 VDC typical)
Consumo de corriente	≤600 µA (quiescent) ≤1.5 mA (alarm)
Especificaciones del cable	> 1 mm ²

Detección

Principio de detección	Heat sensitive thermistor
Sensibilidad	Category A1R, A2S, BS
Temperatura de alarma (máxima)	+77°C
Temperatura de alarma (mínima)	+58°C
Tasa de aumento	Supported

Salida

Cantidad de salidas	1
Salida de alarma remota	2 mA

Físico

Physical dimensions	100 x 53.3 mm (Ø x H)
Peso de envío	110 g
Colour	Blanco (RAL 9016)
Mounting type	Montaje en el techo
Material (caja)	ABS

Medioambiental

Vandal proof	No
Temperatura de funcionamiento	-10 to +50°C -10°C (min. Application temperature)
Temperatura de aplicación (máxima)	+65°C
Relative humidity	≤ 95% noncondensing
Entorno	Interior
Clasificación IP	IP2x

Regulador

Compliance	CE, REACH, RoHS, WEEE
Certification	CPR
Normativas	EN54-5 BS5839-1 Compliant



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