DI-9101E

GST Intelligent DI-9000E Series Addressable Multisensor (Optical/Heat)

General

The Intelligent DI-9101E multisensor combines both smoke and heat sensors to facilitate fast and reliable operation. It allows for 2 different smoke sensitivity levels together with the flexibility of either fixed temperature or rate-of-rise heat detection support.

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
- Drift compensation allows for good environmental adaptability
- Self-diagnostic testing ensuring reliability at all times
- Local reed-switch test activation for easy maintenance
- Chamber contamination checking
- Alarm LED with 360° visibility
- Remote indicator output
- Configurable polling LED support
- 2 Smoke sensitivity levels
- LPCB marked

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Technical specifications

General

Status indication	LED
Compatibility	GST DI-9000E systems
Alarm levels	2
Connectivity	2-wire loop & remote indicator
Addressing method	Electronic

Electrical

Power supply type	Loop powered
Operating voltage	24 VDC
Current consumption	800 µA (quiescent) 1.8 mA (alarm)

Detection

Detection principle	Optical light scatter and/or heat
Rate-of-rise	Class A2R

Output

Output quantity	1

Physical

Physical dimensions	100 x 54.5 mm (Ø x H)
Colour	White
Mounting type	Ceiling mount
Material (body)	Plastic

Environmental

Vandal proof	No
Operating temperature	-10 to +50°C
Relative humidity	< 95% noncondensing
Environment	Indoor

Regulatory

Compliancy	CE, REACH, RoHS, WEEE
Certification	CPR
Standards	EN54-5, EN54-7

Compatible products

Category	Reference	Description
Detection device	DB-01	DC9000 / DI9000 Series standard point detector base
Detection device	DC-9504E	DI-9000E Series Innovation Detector base w/ Isolator
Notification device	C-9314P	DC9000 / DI9000 Series conventional remote indicator

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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