

# DI-9103E

## Intelligent rate of rise and fixed temperature heat detector

### Description

DI-9103E intelligent rate of rise and fixed temperature heat detector is a new addressable fire alarm device cooperating with GST intelligent fire alarm control panels (FACP) to build a fire detection system. The detector shows fire alarm by the LED indicator and transmits the signal to the FACP.



### Features

- Electronically addressed in field
- 3 classes programmable
- Self-diagnostic
- Reed switch testing
- Fire LED allows 360° viewing
- Remote indicator output available
- Designed to comply with EN 54-5 standard
- Polling LED can be set to close

### Specifications

	DI-9103E
<b>Operating voltage</b>	Loop 24V(16V - 28V)
<b>Standby current</b>	≤0.6mA
<b>Alarm current</b>	≤1.5mA (without remote indicator) • ≤3.5mA (with remote indicator)
<b>Indicator</b>	Red. flashes in polling, and illuminates in alarm
<b>Remote indicator output</b>	Polarity-sensitive, directly connects to remote indicator (built in 10k resistor in series. Maximum output current is 2.0mA); the remote indicator is quiet in normal and flashing in alarm
<b>Programming method</b>	Electronically programmed
<b>Code range</b>	One address within 1 - 242
<b>Classes and setup</b>	3 classes (A1R, A2S, BS) programmable
<b>Wiring</b>	Non-polarized 2-core for loop. Polarized 2-core for remote indicator
<b>Ingress protection rating</b>	IP2X
<b>Ambient temperature</b>	Class A1: -10°C - +50°C • Class A2: -10°C - +50°C • Class B: -10°C - +65°C
<b>Typical fixed temperature</b>	Class A1: 58°C • Class A2: 62°C • Class B: 77°C
<b>Relative humidity</b>	≤95%, non condensing
<b>Material</b>	ABS
<b>Dimensions</b>	Diameter: 100mm - Height: 53.3mm (with base) mounting
<b>Hole distance</b>	45mm - 75mm
<b>Weight</b>	About 110g

### Accessories and Tools

	DI-9103E	
<b>Model</b>	P-9910B	DB-01
<b>Name</b>	Hand held programmer	Base
<b>Remark</b>	Order separately	Order separately