



## CONVENTIONAL HEAT DETECTOR C-9103

### FEATURES

- ◆ Designed for places where fire occurs with rapid temperature rise
- ◆ Detect the fire by both the fixed temperature and the rate of temperature rising
- ◆ Compatible with other type of detectors
- ◆ LPCB certificated complying with EN54-5: 1982 and BS5445-5: 1997



**C-9103**

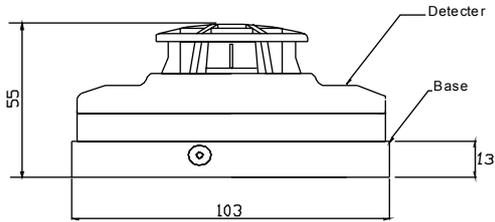
### DESCRIPTION

The C-9103 conventional rate of rise and fixed temperature heat detector is a high reliable and sensitive detector for fire. The detector monitored environmental temperature by the thermo sensitive element. The built-in processor compares the measured temperature, rate of temperature rise and the combination with a preset value on the detector. Once they exceed the setting points, the detector will be triggered to alarm status. The heat detectors are most suitable for places where rapid development of fire can be expected. It is recommended to use the heat detectors in the factory, warehouse and oil or chemical plant, or the places where the smoke detectors are not applicable.

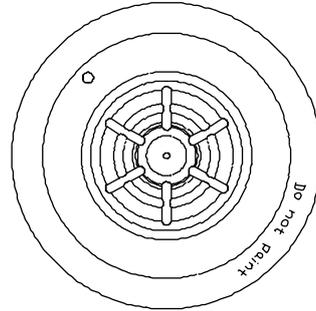
### SPECIFICATION

Operating voltage	12-28 VDC
Standby current	< 60 $\mu$ A
Alarming current	10 ~ 30 mA
Maximum ripple voltage	4 V (peak to peak)
Alarm reset	Instantaneous cut out (5s max , 2.5 V max )
Power up time	< 10s
Monitoring area	30 m <sup>2</sup> , for space where height less than 8 m
Alarm indication LED	Red , not lit when polling , constant lit when alarming
Weight	$\approx$ 120 g
Operating temperature	- 10°C ~ +40°C
Operating humidity	< 95%
Dimension	Diameter: 100 mm, Height: 45 mm
Wiring cable	2-core non-shielded cable
Enclosure protection class	IP53
Material and color of enclosure	ABS , Ivory white
Mounting hole distance	45 mm to 75 mm

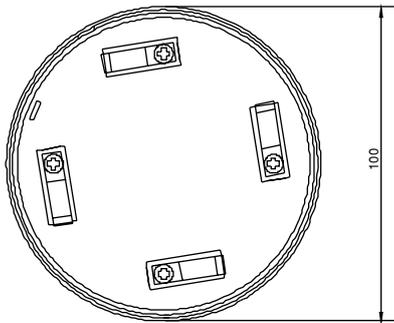
## DIMENSION



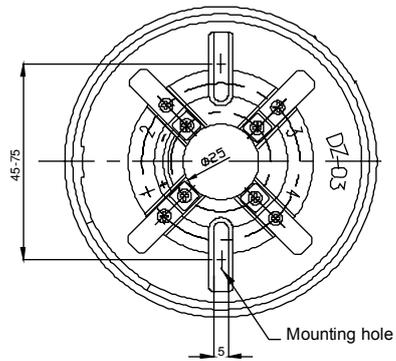
Side View



Top View



Bottom View



Detector Base

## TYPICAL WIRING

