

# ADDRESSABLE HEAT FIRE DETECTOR A9020T



## Features

- LPCB and CPR approval;
- It supports soft addressing and rewriting the address via coder in situ;
- Within a single-chip microcomputer, it can collect real-time data and then process it to realize a curve tracing for the field situation.



## Description

A9020T point-type heat fire detector is a mated product of the SEC3002 fire alarm control panel. It uses a two-bus work mode. With an internal micro-processor, it support electronic coding. The detector realizes real-time acquisition of the in situ temperature data and sends back the data to a fire alarm control panel. It can also receive and execute the control commands given by a fire alarm control panel.

The detector is suitable for such industrial and civil buildings that have a great deal of heat when fire takes place, such as kitchens, boiler rooms, generator rooms, drying workshops and smoking rooms and is not suitable for places with a great deal of smoke but little heat.

Operating Voltage	Loop 24V(18V~28V)
Standby Current	<0.3mA
Alarm Current	<1.5mA (without remote indicator) <3.5mA (with remote indicator)
Class	A2
Fire LED	Red, Flash in polling, and illuminate in alarming.

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Remote indicator output	Polarity-sensitive output, directly connect to remote indicator (built in 10k resistor in series, max. output current is 2mA); The red indicator will blink in the monitoring status or remain lit in the alarm status.
Programming	Electronically addressed.
Programming Range	Occupying one address within 1~324.
Wiring	Loop: two wire, polarity-insensitive
Environmental Temperature	-10°C~+50°C
Relative Humidity	≤95%, non-condensing
Material of Enclosure	ABS
Dimension	Diameter: 100mm Height: 60mm(with the base)
Mounting Hole Distance	44.5mm~64.3mm
Weight	About 115g(with the base)

