

# ADDRESSABLE PHOTOELECTRIC SMOKE DETECTOR A9030T



## FEATURES

- LPCB & CPR approval;
- It supports soft addressing and rewriting the address via coder in situ;
- Within a single-chip microcomputer, it can process the sampling data in real-time, save the latest 144 historical data and realize a curve tracing for the field situation.



## DESCRIPTION

A9030T point-type photoelectric smoke detector (Detector hereunder) is a kind of photo- electric smoke detector. With an internal microprocessor, it supports electronic coding and is accessed through a compatible fire alarm control panel via a two-wire bus. The detector realizes real-time acquisition of the in situ smoke concentration 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 smoke during fires but no smoke under normal circumstances, such as restaurants, hotels, teaching buildings, office buildings, computer rooms, communication machine rooms, libraries and archives. It is not suitable for places with a great deal of retained dust and water mist, places where steam and/or oil mist may be generated and places with retained smoke under normal circumstances.

Operating Voltage	Loop 24V(18V~28V)
Standby Current	<0.3mA
Alarm Current	<1.5mA (without remote indicator) <3.5mA (with remote indicator)
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~+55°C
Relative Humidity	≤95%, non-condensing
Material of Enclosure	ABS
Dimension	Diameter: 100mm Height: 58mm (with the base)
Mounting Hole Distance	44.5mm~64.3mm
Weight	About 128g (with base)

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