

DESCRIPTION

IQ331S point-type photoelectric smoke detector (Detector hereunder) is a kind of photoelectric 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.

FEATURES

- Compensates for temperature, humidity, and dust drift, and checks sensor faults.
- Non—polarity, two—wire bus for easy installation and maintenance.
- Includes Remote Indicator output and patented smoke chamber for reduced alarms.
- Simple device addressing with a portable coder.
- Single LED with 360° viewing.
- Suited for environments with rapid temperature changes, as well as dirty or smoky conditions.
- Certified by LPCB

SPECIFICATION

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.
Remote indicator output	Polarity-sensitive output, directly connect to remote indicator (built in 10k resistor in series, max. output current in 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
Dimension	Diameter: 100mm Height: 58mm (with the base)
Mounting Hole Distance	44.5mm~64.3mm
Weight	About 128g (with base)

