

SMOKE DETECTOR

S29P



PHOTOELECTRIC CONVENTIONAL SMOKE DETECTOR

CONVENTIONAL SMOKE DETECTOR

This product named Photoelectric detector(hereinafter called detector) detects the smoke by a couple of infrared diodes. The principle of detecting is granule in the smoke can reflect infrared light. Infrared diodes are placed in the special chamber. The chamber can shield external light, but don't affect the smoke into it. While have no smoke, the diode can receive very weak infrared light. When the smoke entering the chamber, diode can receive more and more light, when the smoke attains the certain density, the detector can give out alarm signal. In order to reduce the interference and lower power consumption, the emitting circuit adopts the pulse signal.

PRODUCT DISPLAY



TECHNICAL SPECIFICATION

OPERATING VOLT: DC9V-35V

STANDBY CURRENT : $\leq 55\mu\text{A}$

ALARM CURRENT : 35mA@DC12V

60mA@DC 24V

INDICATOR: Green LED Light under monitoring
Red LED Light under alarming

FEATURE AND DIMENSION

- * STRONG ADAPTABILITY FOR CIRCUMSTANC
- * SMT DESIGN, HIGH STABILITY
- * 9-35VDC WIDE VOLTAGE OPERATING RANGE
- * LOW STANDBY CURRENT
- * STAINLESS STEEL SHIELD, ANTI-RFI(20V/m-1GHz)

DETECTING AREA: 80 square meter(with the installation height of 6m-12m), and 60 square meter (with the installation height of less than 6m)

DIMENSION SIZE : 100 mm dia * 48 mm deep

Related Article No.

S29P-3

3 wire photoelectric smoke detector

S29P-4

4 wire photoelectric smoke detector

CERTIFICATION

Design and produce comply with EN-54 STANDARDS



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