RK320-02 Smoke Detector

Overview

The RK320-02 photoelectric smoke detector is developed to sense smoke generated during a fire. Adopting a precision photoelectric sensing chamber and advanced manufacturing, it offers stable performance, a sleek design, and quick, hassle-free installation. This detector is ideal for use in commercial premises, warehouses, data centers, and residential buildings for early fire warning. Equipped with a built-in buzzer, it emits a loud acoustic alarm upon activation.

Features

- High detection sensitivity and superior resolution
- Low power consumption and ultra-fast response
- Excellent output linearity and long-term operational stability
- Extended service life and durable performance

Applications

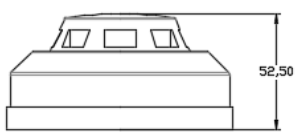
- Warehouse；Hotel
- Shopping Mall；Restaurant
- Data Center；Computer Room

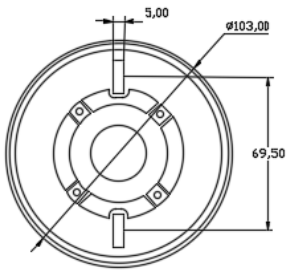
Technical Parameter

Item	Technical Specification
Supply Power	9-32VDC
Standby Current	12mA (relay normally closed) / 500μA (relay normally open)
Alarm Current	10mA (relay normally closed) / 18mA (relay normally open)
Alarm Indication	Red LED steady on
Sensor	Infrared photoelectric sensor
Anti RF interference	10MHz-1GHz 20V/m
Alarm output	NO/NC optional, contact capacity DC28V/100mA
Reset mode	Automatic reset/power-off reset optional
Smoke Sensitivity	0.5dB/m(±0.1dB/m)
Relative Humidity	≤95% RH (No condensation)
Working environment	-10℃~50℃

Dimension

Unit:mm





Revision time	Reviser	Current Version	Remarks
20260807	Echo	V5. 0	