

Photoelectric Smoke Detector

This photoelectric smoke detector is suitable for places that have harsh environment such as mobile communication base house and base station. It is also suitable for places like residential area, shopping mall and hotel. This product adopts advanced fuzzy control technology, can accurately detect smoke of smoldering and burning. The detector will alarm when smoke density exceeds the configured allowable level of alarm limit. The structure of product uses dust-proof, anti-fly and metallic shield design which strengthens stability of product.

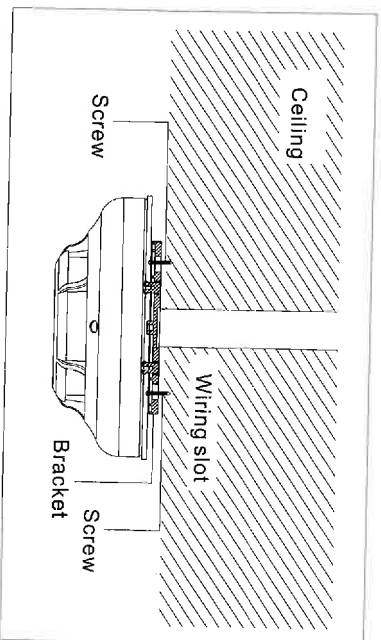
Functions

1. Delicate and sophisticated technology; decent appearance; easy-to-install.
2. Intelligent processor inside; unique inspection method to ensure stability and reliability of product.
3. Outstanding EMI function.
4. Product conforms to European Union ROHS requirements.

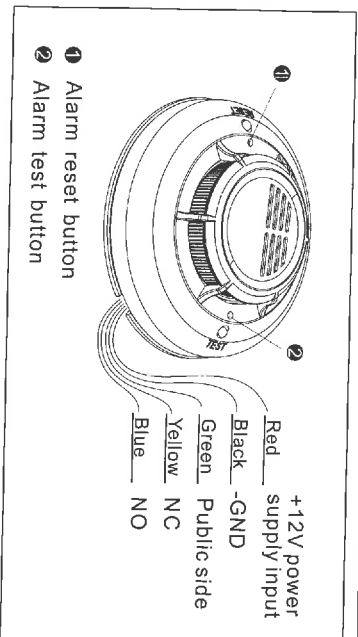
Technical specifications

Power Supply Voltage	DC12V(9V~16V)
Standby Current	<8mA
Alarm Current	<40mA
Output Type	Relay NC/NO output
Output Contact Point Capacity	3A/125VAC or 3A/28VDC
Working Temperature	-10°C~+50°C
Environment Humidity	<95% (no condensation)
Detecting Area	20m ² , less than 6 meter high
Standard	GB4715-2005
Dimension	φ112mm*41mm

Installation



Wire Connection Instruction



Operation

1. Self-inspection: Power on the detector, the two LEDs flash 15 times, and then the detector is in working status.
2. Work Status: the detector is in normal detect status, if the LEDs flash every 10±1 seconds.
3. Alarm Status: when smoke density exceeds configured alarm density value, detector will alarm. The LEDs turn on and relay is closed.
4. Test Status: To make the detector alarm, please press "test button" in working status, the LEDs turn on and relay is closed. Or blow the smoke into the detector to test if the product is in normal status. In working status, press reset button, it will reset to normal detecting status.
5. Alarm Reset: Press "reset" button, when detector is under alarm status, then LEDs are turned off and relay will be reset.

Notics

1. Don't set up detector in places that have strong air convection.
2. Don't set up detector in places close to corner of the wall and avoid places that have direct sunlight.
3. To ensure sensitivity and use life of detector, clean the anti-dust mesh using soft brush every 6 months. Turn the power off before cleaning.
4. Make function test every month. For example: press "test" button to make the detector get into alarm condition or make blow smoke test.
5. Smoke detector can decrease occurrence of fire disaster, but can't ensure there is no risk. Please use this product with right method for your safety.