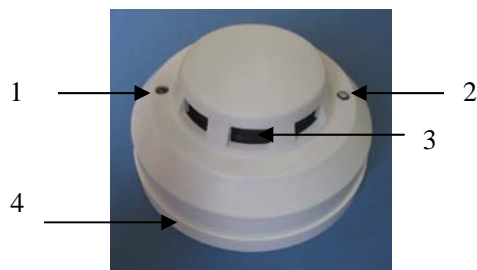


PHOTOELECTRIC SMOKE DETECTOR

This product is a photosmoke detector which runs by detecting smoke particles. With special structure designed, photoelectric signal processing technique, dustproof, mothproof and anti-light interference functions, the stability of the detector is assured from design. It performs good in detecting visible smoke caused by hidden or bright fire. Suitable for houses, emporiums, hotels and storages etc.

GENERAL VIEW



Part No.:FR11

- 1.LED INDICATOR
- 2.TEST BUTTON
- 3.MOTHPROVE NET
- 4.BASE

TECHNICAL SPECIFICATIONS

Operation voltage	DC 12V
Standby current	≤300uA
Alarm current	≤30mA
Operation temperature	-10℃~50℃
Humidity	≤95%RH
Mounting	ceiling
Detecting range	20m ²
LED frequency	flash 1 time every 44 second
Output type	N.C/N.O

Sensor type	infrared photoelectric diode
Sensitivity	I degree
Sizes	107mm(dia.) *35mm(height)

CONNECTION

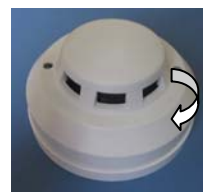
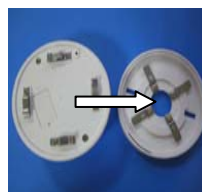
All the wires installation must accord with national and local effective rules of laws and criterias. The wires must be appropriate size and with colorful marks to avoid connecting errors. Wrong connection will lead to alarm error when gas leaking happen.

INSTALLATION

1. Choose a suitable position (normally mounted in the center of the detecting area on the ceiling) and mount the detector base on the selected position by screws, then push the detector into the base and rotate it to check it is firm or not.

2.Connect the base slice correctly. No.2 to connect the positive of power supply; No.3 to connect the negative of power supply; No.1 & No.4 to connect central.

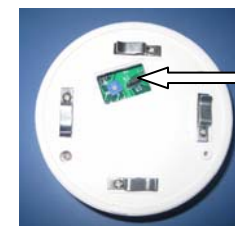
3.The front cover need to aim at base(1,2,3,4) and insert, then circumvolve the front cover deasil.



TESTING

1. With the power supply, the detector turns into normal detecting state immediately, then the LED flashes one time per 44 seconds.
2. Push the test button down, then the indicator

LED flashes one time per second, meanwhile the network signal is sent out. You can also blow directly a little smoke into the detector to test the performance of this product. The detector will resume into normal detecting state when the smoke dispelled.



Can choose NC/NO
(its NC default)

NOTES

1. The product should not be installed in extreme hot or cold, or high wind speed surroundings and in the conditions where there is often a lot of smoke or dust.
2. The detector needs to be tested one time every month.
3. To ensure its normal performance, please clean the detector surface with soft brush one time half a year. Do cut off the power before cleaning.
4. If the detector is found to be defective, do not attempt to disassemble it. Please contact the After Service Center or the distributor for professional servicing.
5. This product can reduce the possibility of accidents, but it can not guarantee absolute safety due to various factors, including, but not limited to, changes in environmental conditions, electric or electric disruptions and tampering. The user is advised to take all necessary precautions for safety and enhance safety consciousness in daily life.