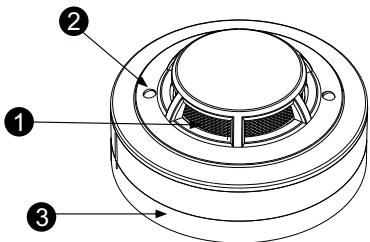◆ ◆ ◆

INSTRUCTION

PHOTOELECTRIC SMOKE DETECTOR

GENERAL VIEW

❶ Smoke Detecting Window
❷ LED
❸ Base

This product is a photoelectric smoke detector which runs by detecting smoke particles. Adopted special structure design, and photoelectric signal processing technique, it has the functions of dustproof, mothproof, and anti-electromagnetic interference, the stability of the product is assured from the above. It performs well in detecting visible smoke caused by hidden or bright fire. It's suitable for detecting smoke in houses, stores, hotels, and warehouses, etc.

TECHNICAL SPECIFICATION

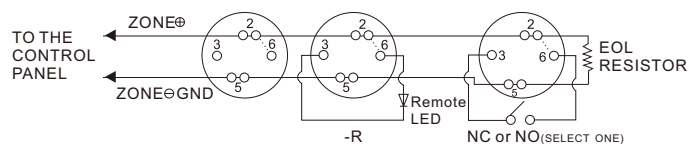| Input voltage	DC 12-32V	Detecting Area	60m² (with 4m height)
Static Current	15-30uA	Alarm Reset	Power off reset
Alarm Current	20-30mA	LED Indicator	Detecting: Green LEDs flash
Operating Temperature	-10°C - +55°C		Alarm: Red LEDs ON
Operating Humidity	≤95% RH	Wiring Mode	2-wire/3-wire/4-wire
Installation Method	Ceiling mounted	Sensitivity	m=0.15-0.5dB/m

WIRES INSTALLATION

All the wires installation must accord with national and local effective laws and criteria. All wires must have the suitable size and the wires connecting detectors and other devices must have colorful marks for avoiding connecting error. And unsuitable connection will lead to alarm error when fire happens.

INSTALLATION

1. Choose a suitable position to install the detector, normally on the ceiling of the center detecting area, fix the detector base on the selected position by screws, then set the detector head on it, rotate and check whether it is firm.
2. Please connect the wires correctly as required.

WIRES INSTALLATION DIRECTION

BASE WIRING INFORMATION

■ NORMAL MODE	■ REMOTE INDICATOR	■ AUXILIARY CONTACTS

INSTALLING THE HEAD

1. Align the components as shown in Figure 1
2. Mate the detector head onto the base and twist clockwise to secure it.
3. Do not stall the detector head until the area is throughly cleaned of construction debris, dust, etc.
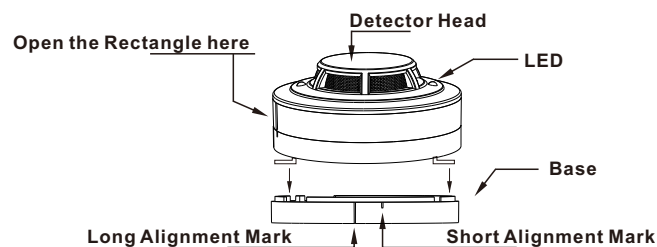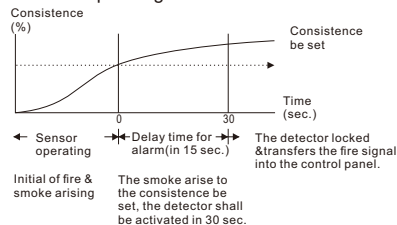

Figure 1: Mating the detector onto base

TESTING

1. Connect power supply, the detector gets into normal detecting state directly, green LED flashes.
2. Blow a little smoke directly into the detector. While detecting smoke, RED LED lights, current increases to 30MA. The detector will resume into normal detecting state when the smoke dispelled.

NOTICE

1. The product should not be installed in the extreme hot or cold, 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 once every month.
3. To ensure its normal performance, please clean the detector surface with soft brush once every six months. Do cut off the power before cleaning.
4. If the detector is found to be defective, do not attempt to dismantle it by yourself. Please contact the After Service Center or the distributor for professional servicing.
5. The product can reduce the possibility of accidents, but it can not guarantee absolute safety. Besides using this product correctly, the user is advised to take all necessary precautions for safety and enhance safety consciousness in daily life.