



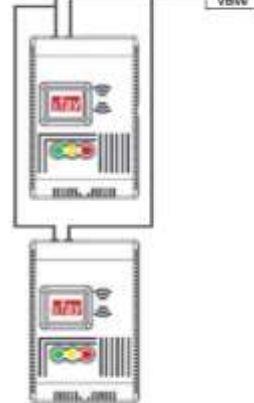
GAS ALARM DEVICE USER MANUAL



Wiring Diagram Of
Solenoid Valve With
Gas Alarm Detector



Wiring Diagram Of One Solenoid Valve With
Two Gas Alarm Detector



PRODUCT INTRODUCTION

The product is wall-mounted with high sensitivity. It is a compound gas detector. It is used to detect gas leaks.

Advanced semiconductor sensor is used to ensure high sensitivity and long life. The product is suitable for residential, villa, hotel, market, hostel, etc. security.

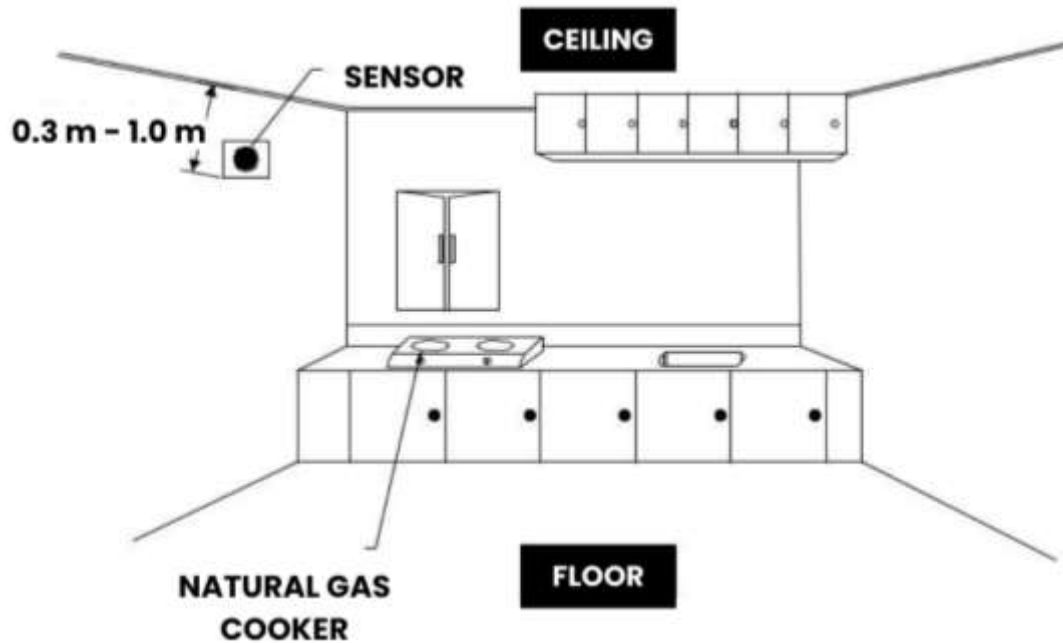
TECHNICAL SPECIFICATIONS

Operating Voltage	AC220
Output Signal Duration	Max. 5 sec.
Standby Current	$\leq 100\text{mA}$
Current at Alarm	$\leq 160\text{mA}$
Power	$\leq 3\text{W(AC220V)}$
Gas Alarm Sensitivity	3-20% LEL
Sound Level	$\geq 85 \text{ dB/m}$
Operating Temperature	- 10 °C ~ + 50 °C
Humidity	95%(no congelation)
Alarm Output	Audio / solenoid valve output
Size	120 * 77 * 44,5 mm
Preparation Time	60-120 sec
Installation	Wall Mount

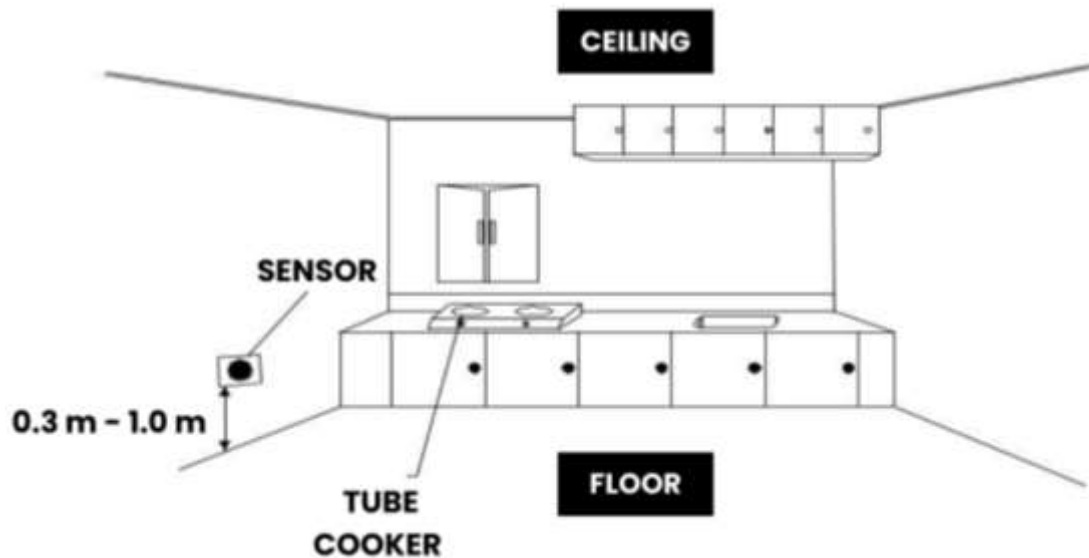
ASSEMBLY

All connection methods must comply with the standards. The thickness of the line must be appropriate, improper wiring will not give an alarm in case of gas leakage.

1. LNG detector : Place the sensor under the ceiling at a distance of 0.3 -1m and within 1.5m next to the leaking gas.



2. LDG detector : Place the sensor at a height of 0.3-1 m above the floor and also within 1.5 m of leaking gas.



3. Hang the detector on the wall and make sure it is stable.
4. When installing the sensor for home use, do not install it in dirty, dusty or oily places such as kitchens, garages and houses. Oil, dust or household chemicals may contaminate the sensor head, in which case the alarm will not function properly.
5. Do not block the ventilation opening. The detector should not be obstructed by curtains, furniture or other household items that block the air.

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7. Do not install in poorly ventilated areas such as the tops of arched ceilings and the tops of sharp ceilings. Do not install in close proximity to ceiling ventilation systems, strong wind generating devices such as air conditioners, and do not install around windows and doors that open to fresh air vents to the exterior or anywhere nearby. Rapid circulation of the fan or outdoor air will affect the sound level and the sensitivity of the detector.

OPERATION OF THE DEVICE

Have the device installation done by a qualified person.

Connect the power supply, at first the yellow and green LEDs light up together, the yellow LED goes out after 2 minutes of preheating. After that, the detector returns to normal operation, only the green LED on the detector is illuminated and the detector returns to normal operation.

When the device detects gas, the red LED lights up. In this case, the buzzer sends the alarm sound and gives the 220VAC output signal to the selo-noide. The detector will resume normal operation after the leaking gas has dissipated.

Clean your device every few months with a damp cloth without using detergent and if the device holes are clogged with dust, open these holes with a cloth without damaging the device.

WARNINGS!!!

1. In order to install the detector, it must be protected from dust in accordance with the installation
Choose a suitable position so that far away cooking oils do not splatter.
2. Never touch the inside of the appliance in case of electric shock.
do not open it.
3. Have the device installed by a qualified person.
4. Sensor lifetime is 4 years, every 3 months
It should be tested with lighter fluid and repaired or replaced if it does not work.

DEVICE TEST

Combustible gas test: After installation, the device enters the normal detection state when only the green light starts to light on the device.

In this state, the device is checked for alarms with a lighter by simply giving gas without pressing the ignition part. After detecting the gas, there should be a signal to the control panel.

Do not perform this test too often, this will reduce the sensitivity of the sensor. When the gas concentration drops below the alarm level, the detector will switch to normal detection.

WHAT TO DO IN AN EMERGENCY

The detector trips when the gas concentration in the air exceeds the alarm level.

In this case:

1. Turn off the stove and the gas valve immediately.

2. Open the window and let the air flow quickly. Extinguish all sources and remove any flammable do not use anything.
3. Check the cause of the gas leakage and use the appropriate departments and professionals in a timely manner notify them.
4. Avoid turning on or off the power of any electrical equipment.

LED INFORMATION

Red Light	Gas Alarm
Green Light	Normal Operation
Yellow Light	Preheating and Error

WARRANTY PERIOD IS 2 YEARS.