

LPG GAS DETECTOR

Functions

Raises audio visual alarm on detecting Liquefied Petroleum Gas (LPG) & Natural Gas

Technical Specification

- Inducing gas: Liquefied Petroleum Gas (LPG) & Natural Gas
- Operation voltage: 175V - 240V, 50Hz
- Alarm inducing density: 8%LEL (Lower explosivity level)
- Alarm Density Error: $\pm 5\%$ LEL
- Buzzer Sound level: ≥ 70 dB at (1 meter)
- Operating environment: 0°C to $+55^{\circ}\text{C}$
- Relative humidity: $< 95\%$ Rh
- Repeatability: Repeated test alarm density error : $\pm 3\%$ LEL
- AC Power Consumption: $< 3\text{W}$
- Alarm mode: Flashing LED and sound alarm, and optional NO/NC contacts for raising remote alarm.
- Class II appliance.

Special Features

The gas detector can be installed stand-alone to raise an alarm in the event of leakage of combustible gas. The unit can also be used to raise additional remote alarm through network, using its NO/NC contact.

Installation

- The detector can be installed standalone and if desired, along with network function for remote warning.
- Stand alone function: Install the unit at a suitable position with wiring as shown in fig.1 for LPG Gas & fig.2 for Natural Gas.
- Network function: Connect the passive NO/NC contact of the detector to remotely located warning device together with the power supply.
- When switched ON the detector will be in self-check mode. The yellow LED will flash once.
- Subsequently the unit will pass into warm-up mode. The buzzer will sound 'Di'. The green LED will flash and later it will glow steadily, indicating that the unit is functioning normally.

Installation:

LPG Gas

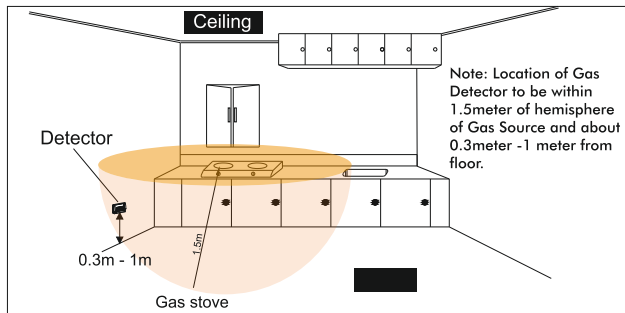


fig.1

Natural Gas

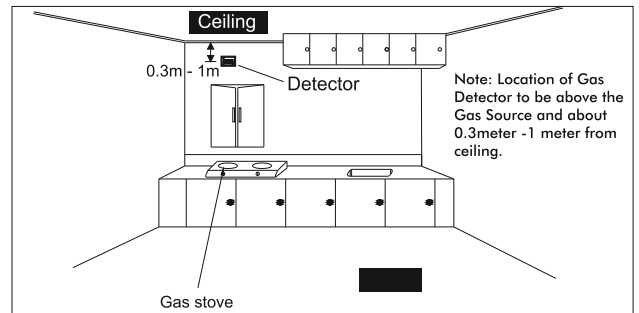
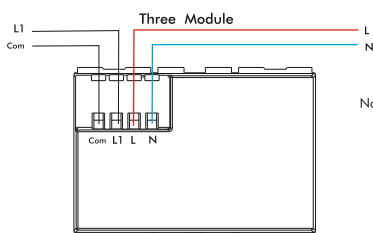
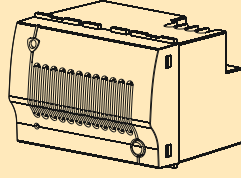


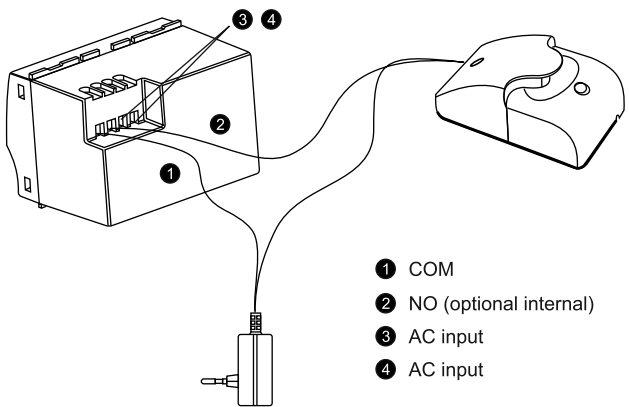
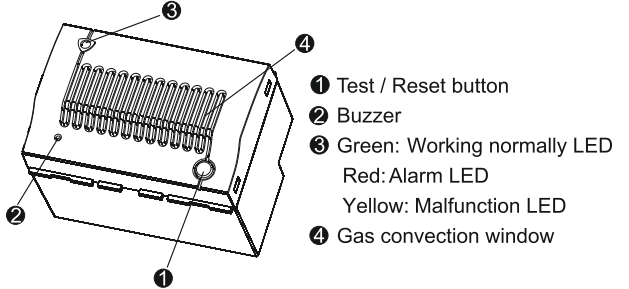
fig.2

Wiring diagram



Product	Product code	Details
	AA 3 071	LPG Gas Detector

General View



Front and side view showing the over all dimensions in mm

