

## Conventional LPG / PNG Gas Detector

Model: AS-612-LPG



LPG/PNG LEAK ALERT in household/Domestic gas alarm wall-mounted type designed to detect the concentration of Combustible Gas or Toxic Gas using fast response sensors and manufactured with advance featured technology. It provides visual and audible alarms when the gas concentration crosses the pre-set alarm levels and alerts user to take immediate required actions.

### Applications

- Residential Kitchen
- Bungalows Kitchen

### Features

- Provides Fast & Reliable Response by using Semiconductor Technology for detecting leak of LPG /PNG Gas.
- Optimized for detection of smallest gas leak with integrated Buzzer and L.E.D. indication.
- Provides visual and audible signals when the gas concentration cross th0 Pre-set Alarm level .
- Helps to detect Gas and Excess Temperature indication.
- Easy installation, simple Plug-in design for home use, 24Vdc powered.
- Optional Single Alarm Relay to operate shut off valve. Optional Single Alarm Relay to operate shut off valve.



## TECHNICAL SPECIFICATIONS

### GENERAL

Gas Sensor	: Semiconductor
Gas Sampling	: Diffusion
Response time	: Less than 5 sec. at excess leak (Resume Automatically)
Alarm Method	: Visual & Audible
Sound Level	: $\leq 85$ dB
Warm up time	: 1 min

### ELECTRICAL

Operating Power : 24Vdc

### ENVIRONMENTAL

Operating Temp. : 0 to +80°C  
Storage Temp. : 0 to +80°C

### OUTPUT

Optional : Single Relay of rating 5A/24VDC, to operate shut off valve

### TEST FUNCTION

For 'TEST' : Long press this key to check the L.E.D.'s, Relay & Buzzer functionality

For 'ACK' : Press this key to acknowledge audio Alarm (Buzzer).

### DIMENSION

Enclosure Material : ABS Plastic

Over all dimension : AS-612-LPG :  $\phi 100 \times 45$  (H) in mm

Mounting : Insert in 3 PIN Plug / Hang on wall through screw hole

Weight : Approximately 100 grams

## ORDERING INFORMATION

### AS-612-LPG

A

- A) Plug-In facility  
1) 3 pin plug (230Vac Adaptor)  
2) 24 Vdc

B

- B) Output  
1) Single Relay to operate shut off valve  
2) None

## ENCLOSURE DIMENSION & MOUNTING DETAILS

