

GAS LEAK DETECTOR GS-100

Protect Your Family and Property Against Gas Explosions And Leaks.

- * Detects all combustible gases LNG and LPG (NATURAL GAS, METHANE, PROPANE BUTANE, ACETYLENE, GPL, HYDROGEN,...)
- * Two detection levels: first level - warning signals (light and sound), second level - warning signals and relay output
- * Excellent stability, high sensitivity, long live time, mini size

SPECIFICATION:

- voltage 10V AC or 12V DC (any polarity), 200 mA
- sensitivity 1. level 10 % LEL, 2. level 20 % LEL (calibrated for METHANE)
- sound buzzer 83 d B / 0.3 m
- relay output NO/NC max.125V / 1A
- initial stabilization within 60 sec.
- temperature range -10°C to +50°C
- response time within 20 sec.

INSTALLATION:

Fix the unit to the wall with a mounting bracket. For LNG (METHANE, NATURAL GAS and etc.) place it within 30cm to the ceiling. For LPG (PROPANE, BUTANE) place it within 30cm to the floor.

Open the plastic cover, connect the wires (adapter, relay output). It could be also connected with a home alarm system too. Close the cover and installation is finished.

OPERATION:

After switching voltage ON - the green LED starts flashing for about 1 minute. The device needs this time for warming up. When the green LED shines permanently, it means that the detector works properly and no gas is in the air.

First level action - when gases concentration reaches first level the sound buzzer and LEDs inform you about a danger. Red and green LEDs alternate in flashing.

Second level action - when concentration reaches second level the sound buzzer and red LED flashing inform about danger and the output relay is activated.

The signals and relay output is reset automatically when the gases concentration drop down.

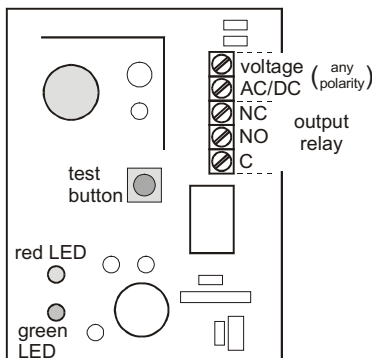
TESTING:

You can test sound buzzer with test button. It is also possible to test function of detector with a cigarette gas lighter (open without the flame).

WARNING!

be careful during ALARM conditions

- don't touch any electrical switch
- open windows and doors
- check the cause of leaks (gas appliances, valves,...)
- call gas company



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