

EXPOSIVE GAS DETECTOR 12-24V d.c. GD-2

Product description-Operation

The device GD-2 is a wall-mounted explosive gas detector 9-30 V, for conventional fire detection panels. It was designed to detect and measure concentration in % L.E.L. (Lower Explosive Level) of explosive gases, such as LPG, Propane, Butane or Gasoline vapours, but should **NOT** be used to detect Methane or Natural gas.

The explosive gas detector is activated when the content of explosive gas, in the monitored area, has exceeded 5-15% of the minimum explosive limit (L.E.L).

The activation stops only via Fire Detection Panel.

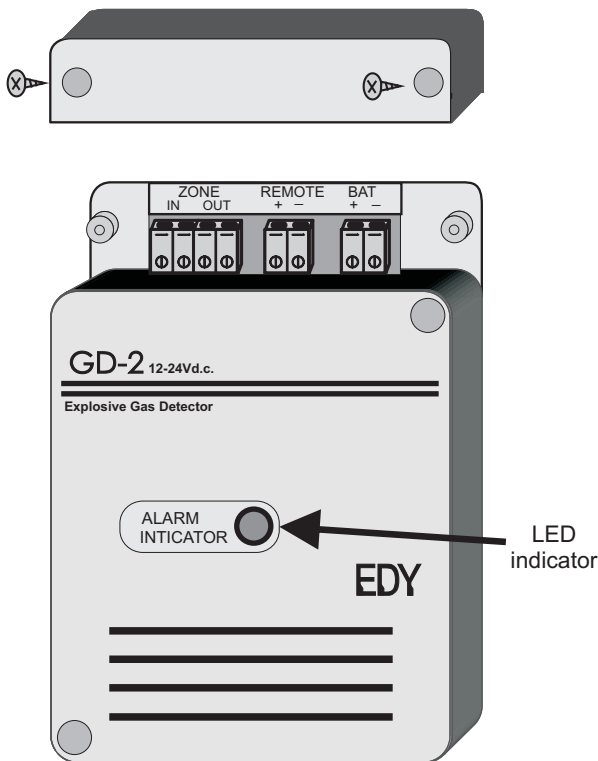
The GD-2 has a Red LED indicator, that lights up when the device is in alarm mode, and a REMOTE output 20 mA.

The device is in conformity with provisions of directives and international standards EN-50194, EN-61000-3-2, EN-61000-3-3.

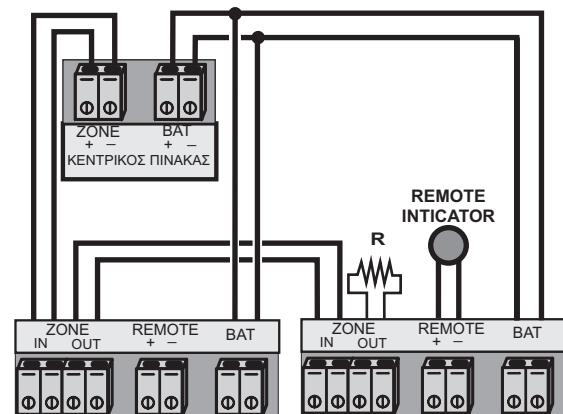
Installation

Install the device using the included mounting accessories.

When more than one devices are used, the maximum distance between them is 4m.



Connection



Remove the protective cover and connect the power supply and the zones to the connecting terminals.

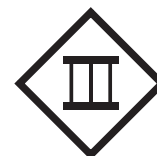
After connecting, the protective cover must be repositioned.

Precautions

The detector could be mounted indoors, protected from excessive moisture, heat and air currents. The connection of the device must be made by a qualified technician.

Technical specifications

Operating voltage	9-30V
Average power consumption	160mA
Gas sensor	NAP 66A
Remote output	20mA.
Restart	Via Fire Detection Panel
Operating temperature	-10 °C to +50 °C
Maximum humidity	90 %
Constraction material	ABS
Dimentions	120mm x 85mm x 35mm



IP 20



Made in Greece