

Installation & User Manual



DURAUTO

Domestic Gas Detector



DURAN[®]
electrónica

1. PRESENTATION

DURAUTO is a microprocessed wall mounted detector available in 12V CC/ 230V AC and 2 different versions: Natural Gas and Butane/Propane. It is provided of optical/acoustic alarm and a relay that permits to activate an extractor or any other electromechanical element.

2. INSTALLATION

Warning: Remember that **DURAUTO** will look after for your safety, therefore, it must be installed by a competent person. Be advised for an authorised installer.

Remember that the equipment is just indicated for domestic use: **DO NOT INSTALL IT IN OTHER TYPE OF AREAS.**

LOCATION

- **DURAUTO** -Butane/Propane Gas-: at 30 cm from the floor.
- **DURAUTO** -Methane/Natural Gas-: at 30 cm from the ceiling.

Do not install the equipment lower than 1.5 m -in vertical plane- over cooking appliances, over the sink or in any outside locations.

Do not install it in places with excessive humidity.

Do not install it near doors and/ or windows, behind curtains or at any place where it can be covered by any object.

Avoid places with airflows or adjacent to extractor fans.

Do not install the equipment close to fryers or places where the grease can damage it.

MOUNTING

Verify the power supply in the packaging and label, located in the back of the equipment, and connect it -12V or 230V-.

After connecting the apparatus, the alarms will go off stopping after a few seconds when the sensor get the balance right.

Do not drill holes in the box.

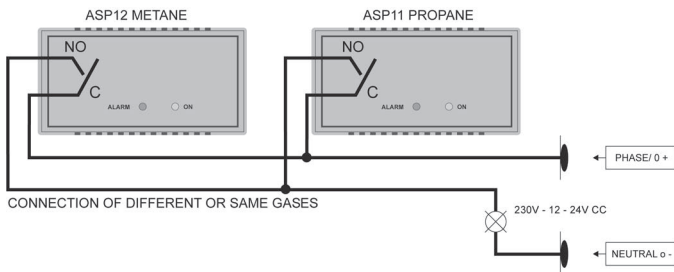
3. TECHNICAL CHARACTERISTICS

SENSOR	Multi-layer Semiconductor SMD.
SENSOR LIFE	5 years CO, 7 years Exp approx.
RESOLUTION	+/-2% L.E.L. *
ALARM LEVEL	20% L.E.L.*
ALARM SOUND	70 db
PROTECTED SURFACE	20 m ²
MEASUREMENT RANGE	from 0 to 100% L.E.L.* -adjusted to 20%-
VOLTAGE	230V AC 50 Hz +/-10% or 12 V CC +/-20%
CONSUMPTION	1 W 230V / 175 mA 12V approx.
WEIGHT -gr-	160
DIMENSIONS -mm-	120 x 65 x 41

* Lower explosive limit

4. CONNECTION

The outputs of several DURAUTO can be connected as follows:
-parallel connection-



depending on the power supply of the lamp-siren ventilator-electrovalve, etc. manoeuvre.

5. IN CASE OF ALARM

If the alarm of the DURAUTO for explosive gases goes off, keep calm and follow these recommendations:

- Do not switch on/ off any light or electrical apparatus.
- Do not use a telephone where the presence of gas is suspected.
- Turn off all gas appliances -just in case it is not programmed as the equipment acting-.
- Open doors and windows to increase ventilation.
- Vacate the premises until the alarms stop.
- Notify the event to the gas emergency service and to the gas supplier to proceed to the installation checking

6. RECOMMENDATIONS

- Do not manipulate the apparatus while functioning or connected, since it can exist danger of electrical shock.
- Do not hit the equipment.
- Do not use near the equipment: enamel paints, dissolvents, cleaning or paints.
- To clean the equipment use just a cloth dampened with water.
- Even the equipment has been rigorously calibrated at factory, we recommend to check it periodically as follows:

Bring a lighter to the detector and give off the gas without burning the flames.

The red pilot will light on and an acoustic alarm will be activated. Take the lighter away and the alarms will stop in a few seconds.

7. GARANTÍA

DURAN ELECTRONICA guarantees that **DURAUTO** has been manufactured subject to strict quality controls.

DURAUTO is guaranteed against any manufacturing defect for 2 years from the date of purchase. If during this period of time any anomaly is detected, please advise your supplier or installer.

This guarantee will only be valid if the equipment has been installed by a competent person and following the specifications in this manual. Negligent use or installation will exempt **DURAN ELECTRONICA** from its responsibilities for damage caused to property and/ or people and from the fulfilment of the terms of this guarantee.

The guarantee does not cover:

- Installations, periodical checks and maintenance.
- Repairs caused by improper handling, inappropriate use, negligence, overload, insufficient power supply or neglecting the equipment, voltage shorts, defective installations and other external causes.
- Repairs or adjustments carried out by personnel not authorised by **DURAN ELECTRONICA**.
- The equipment transport costs.

DURAN ELECTRONICA reserves the right to carry out improvements or to include modifications to this equipment without prior notice.



DURAN[®] **electrónica**

c/ Tomás Bretón, 50
28045 MADRID, Spain
Tel: +34 91 528 93 75
Fax +34 91 527 58 19
duran@duranelectronica.com
www.duranelectronica.com

I-mandurautoEXP-v01



CERTIFICATE Nº PB 82426