



MARINE SURVEY GAS DETECTOR

Applies to Appendix K,L minimum standards.

Incorporates :

- **2 Remote sensors**
- **LP gas Lockoff valve** _ AGA approved



Safety in general is something that we all agree is important . Whether were in the work place or enjoying some recreation the dangers are there. Most businesses have undertaken improvements to lessen the risks but many accidents occur from within the Marine / Boating industry .The Standards have been written or amended, making the installation of “combustible gas detectors” law. Explosive gases come in a variety of forms ,from LP Gas in the galley , hydrogen in the battery compartments and combustible gases in the bilge ,e.g. Kerosene, alcohol ,petrol etc . Note: To avoid false alarms the unit is designed not to detect diesel or oil .

The Peel **04/02/12V** is an indicative Marine grade Gas Survey unit and is designed to run in conjunction with gas appliances. Applies to Appendix K,L minimum standards for a marine vessel. In the event of detection, an audible and visual alarm will be triggered and in the case of LP gas in the Galley , gas flow from the cylinder will automatically be shut off. The unit is powered by Low Voltage (**12 volts DC**) and can be adapted to 240 volt AC if need be.

Features: Model #04/02/12V

- Ability to hone in on minute traces of (i.e. 3 Gas),
 - Flammable/Combustible Gases (see list over leaf)
 - Hydrogen Sulphide H₂S
 - Carbon Monoxide CO
- Factory calibration of sensors with no need for recalibration
 - *calibrated gas concentration 25% L.E.L (Propane).
- Sensors are easily replaceable should the need arise.
- Low current draw when using Gas.
- Incorporates “Test any time” switch.
- Small LED warning lights if the sensor is not working.
- Ability to turn the LP gas supply of from the unit (LED indicator)
- Unit has provision to connect an extended alarm, bilge blower etc.
- Water proof LPG solenoid incorporating diode protection and filter.
- Simple installation—step by step instructions supplied.
- Ease of use - Minimal training required to operate.



Australian Made & Designed.
Service and Warranty is local.

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Product Specification

Combustible Gases detected:	Some Combustible Gases Detected are: Hydrocarbons Methane, Propane, Butane, Acetylene, Petroleum, Benzene, Halogenized Hydrocarbons, Methyl Chloride, Vinyl Chloride, Trichloro Ethane, Methylene, Chloride. Toxic Gases Carbon Monoxide, Ammonia, Sulphur Dioxide, Sulphide, Hydrogen, Hydrogen Sulphide. Alcohols Methanol, Ethanol, Propanol, Iso Propanol Ethers Methyl, Ether, Ethyl Ether. Ketones, Acetone, Esters, Methyl Acetate, N-Butyl.
Operating temp:	-10 to 55 deg C
Warm-up times:	Approx. 30 seconds
Alarm levels :	25 % LEL (Lower Explosive Limit) Propane and above or equivalent.
Alarm types:	Alarms are both audible and visual instant when the set gas levels are detected .
Voltage:	12 volt DC
Current Draw:	Approx. 240 mah Detector with sensors. Approx. 1.2—1.3 Amp—Detector with sensors and solenoid.
Dimensions: (Detector)	130L x 85W x40 H mm
Weight;	Approx. 400 g—Detector with sensors. Approx. 600 g—Solenoid. Approx. 1.2 kg—Complete unit in packaging.
Unit Life :	Designed to provide unlimited service life. 813 sensor—10 yrs+ in standard operating environment . Peel standard warranties apply for the main unit. The sensors used in this instrument are backed by the manufacturer of the sensor.
Detector Attachments:	1 x 4 Metre Sensor. 1 x High Pressure Gas Solenoid with Filter.
Options:	Optional 240 volt Power Adaptor. Extension alarm. Different size LP gas solenoid Orifices Ammonia Sensor 40 amp Relay Replacement sensors

Also available
1 Sensor version
PN # 04/01/12V



Perfectly suited for use in: Marine Craft applications , Boiler rooms, Caravans, Trucks operating on LNG ,Laboratories ,Dyno pits etc.

Please Note:

Certain Applications using Peel Gas Detectors may involve potential risks of Death, Personal Injury, or severe property or environmental damage ("Critical Applications"). Peel Gas Detectors are not Authorized, or warranted to be suitable for use in Life-Support Devices or systems or other Critical Applications. Inclusion of Peel Gas Detectors is understood to be fully at the Customer's Risk.