



# Nereus Alarms Ltd






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## WG100-P - Petrol Vapour Alarm for Boats & RIBs

- Product Quick Links**
- WG100-L
  - WG200-LL
  - WG300-LLL

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  - WG200-LC
  - WG300-LLC

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  - WG100-L-V
  - WG200-LL-V
  - WG300-LLL-V

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  - WG200-LC-V
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  - WG100-P
  - WG200-PP
  - WG200-LP
  - WG300-LPC

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  - VAL-12V-RP
  - VAL-24V-RP



WG100-P Petrol Vapour alarm system

**WG100-P** - Single Sensor Petrol Vapour Alarm System **£235.00**  
*inc VAT*



**features unique**  
**Waterproof Gas Sensor**

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### A Complete Range of Alarms

Nereus Alarms offer a range of alarm systems for detecting petrol vapour. Designed specifically for use on boats and RIBs, these systems use modern electronics and design techniques to provide unrivalled protection.

### The Need for a Petrol Vapour Alarm

Petrol vapour is often used as a fuel for inboard and outboard engines of boats, tenders and RIBs. Petrol is very volatile and easily ignited. A small leak of petrol can therefore quickly lead to a very dangerous situation. If the petrol vapour is allowed to build up in a confined space and ignition occurs an explosion will result.

### The Usual Problem - Water Damaged Sensors

Traditional petrol vapour sensors mounted in any wet area are prone to water damage. Once wet, these sensors are permanently damaged and often give a continuous false alarm. Not knowing whether the alarm is due to a petrol leak or damaged sensor, the crew are left unsure how to act. Apart from the inconvenience, this results in an expensive repair and a period without protection.

### The Solution - Unique Waterproof Sensor



To overcome this problem, Nereus Alarms has developed a unique waterproof sensor which is used in their WG range of alarm systems. These remarkable sensors will survive both splashing water and total immersion and are the only ones of their type on the market.

Whether you use your boat for business or pleasure, you will benefit from reliable protection without the trouble or dangers of water damaged sensors.

### Other Features


The alarm systems are small, neat and stylish. They are easy to install (either flush or surface mounted), simple to use and require no maintenance. Lights on the control panel indicate power, fault (eg damaged wire to sensor) and alarm conditions. All models have an internal alarm buzzer, an output to drive additional remote sirens and a separate alarm relay output.

### Fast Response & Low Power

The latest technology sensors combine fast response and high performance with very low power consumption.

Specification	
Model WG100-P	1x Petrol Vapour sensor
Alarm sensitivity	~10% LEL (lower explosive limit)
Operating voltage	12/24V (10 to 32 Vdc)
Current consumption	60mA (normal operation), 120mA (alarm)
Temperature range	-20°C to +40°C
Auxiliary buzzer output	300mA at supply voltage
Alarm relay output	SPCO, 1A contact rating
Control panel size	96x60x26mm (surface mounted), 96x60x5mm (flush mounted)
Sensor size	35x35x26mm (surface mounted), 35x35x5mm (flush mounted)

### Downloads (pdf) & Links

 [Download this page >>>](#)

 [User Manual WG100-P >>>](#)

 [Installation Instructions >>>](#)

 [Fitting Waterproof Control Panel Label >>>](#)

 [Stickers >>>](#)

 [Wiring Diagram >>>](#)

[PV Information >>>](#)

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