



The WLI1224 provides both an audible and visual alarm when the waterline drops below the probe level, so you never have to worry about running on a dry radiator or empty tank again. Designed to run on 12V and 24V systems with no modifications. With an encapsulated rugged exterior makes it ideal for water-based applications in automotive, agricultural, marine & industrial equipment with either plastic & metal header tanks.

### Notes:

1. When fitting unit to a radiator with plastic header tank or where radiators are rubber mounted ensure that an earth is provided to the core. A separate probe can be installed for the earth if required.
2. Use in applications with water based fluids only. The indicator units are not suitable for use with oil or petroleum products.
3. If using unit in conjunction with a relay e.g. for connection to a fuel cutoff system or vehicle horn, we recommend the use of a 12V or 24V 40A mini relay to suit the voltage of your system.

### Operation

1. Warning lamp illuminates momentarily when the ignition is switched on so as to indicate the system is functional.
2. Lamp will re-illuminate as an initial warning if the coolant in the tank drops below the level of the probe.
3. After a time lapse of 4 seconds, if the coolant remains below the level of the probe, the buzzer (or cut off relay) will be activated.

**Warning:** If the buzzer is activated coolant levels should be checked as soon as possible. Failure to respond may result in engine damage.

# Wiring Guide

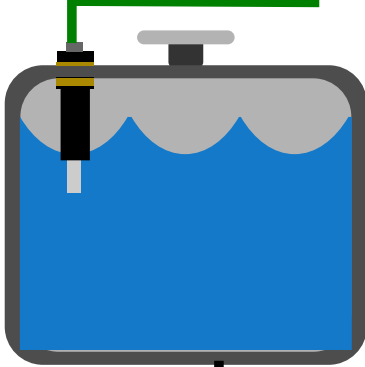


## Specifications

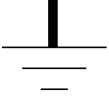
WLI 1224

Input Voltage	12-29 VDC
Connections	6P socket (parts supplied)
Dimensions (LxWxH)	120mm x 50mm x 40mm
Weight	175g

**GREEN - TO PROBE**



**BLACK - EARTH**



**BLUE - LAMP NEGATIVE**

**WHITE - LED/BUZZER POSITIVE**

**YELLOW - BUZZER NEGATIVE**

**RED - 12V OR 24V POWER**

**NOTE:** Make sure that tank/radiator and fluid contained in the tank/radiator is connected to ground. In the case of plastic tanks, a second probe may be required to create a ground.

Brass Collet



Metal Tank Sensor Probe  
Part No. 230 061

### Probe Assembly part no. 230 061 - for metal header tank

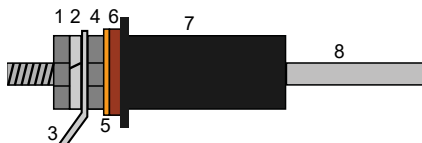
#### Installation:

1. Drill a 12.0mm hole in the brass header tank
2. Place the brass collet in the hole and solder to tank
3. Secure and screw probe into the brass collet by rotating the probe in a clockwise action using a 13mm spanner. To create a water tight seal, ensure that the neck of the probe is hard up against the collet
4. Connect tip of probe to GREEN wire using supplied connector

### Probe Assembly part no. 230 058 - for plastic header tank

#### Installation:

1. Drill a hole of not less than 9.6mm and not more than 10.0mm in diameter
2. Screw stainless steel threaded probe into neoprene seal
3. Install in order: fibre washer, brass washer and then finger tighten 5mm nut onto exposed thread of stainless steel threaded probe
4. Insert probe into hole and tighten 5mm nut on probe to expand neoprene seal against the sides of the hole. As a rough guide - 3 turns in a 4.0mm wall thickness and 5-6 turns in a 1.0mm wall thickness
5. Install terminal, split washer and secure with second 5mm nut and tighten
6. Connect terminal to GREEN wire



1 & 4 - 5mm Nut  
2 - Split Washer  
3 - Terminal  
5 - Brass Washer  
6 - Fibre Washer  
7 - Neoprene Seal  
8 - Stainless Steel Threaded Probe

Plastic Tank Sensor Probe  
Part No. 230 058

**Warranty Conditions:** Our products come with guarantees that cannot be excluded under the Australian Consumer Law.

The customer is entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage.

The customer is also entitled to have the products repaired or replaced if the products fail to be of acceptable quality and the failure does not amount to a major failure.

GSL Electronics (GSL) warrants that its products will, under normal use and service, be free of defects in material and workmanship for a period of two (2) years from the date of the original purchase by the customer as marked on the customer's original invoice.

Please refer to our website for full warranty and return information which can be found at <http://www.gsl.com.au/faq.html>

WLI1224-R1