

WATER SENSOR MANUAL



1. DESCRIPTION

The Water Sensor has been designed to detect that the level of the water collected by your Micro-Separator during fuel filtration has reached a too high level. When mounted on the Micro-Separator fuel conditioner/water separator, the Water Sensor gives an acoustic as well as a light signal as soon as the level in the collector is too high. This alarms the operator who then knows that the Micro-Separator must be emptied (see Micro-Separator description/manual). By tapping off the water from the Micro-Separator, both water and contaminants such as bacteria and particles are removed from the fuel (line) before these can enter and clog up the high pressure fuel line or any of the engine filters.

2. TECHNICAL SPECIFICATIONS

Dimensions:	60 x 50 x 20 (mm)	Voltage	12-24 V	Working temperature:	0 - 30 °C
Length of wires:					
- Power (+)		- Standby		- Standby/ Power	
- Ground (-)		- Alarm		- Alarm	
- Sensor				Green LED	
				Red LED + Acoustic	
				Signal	

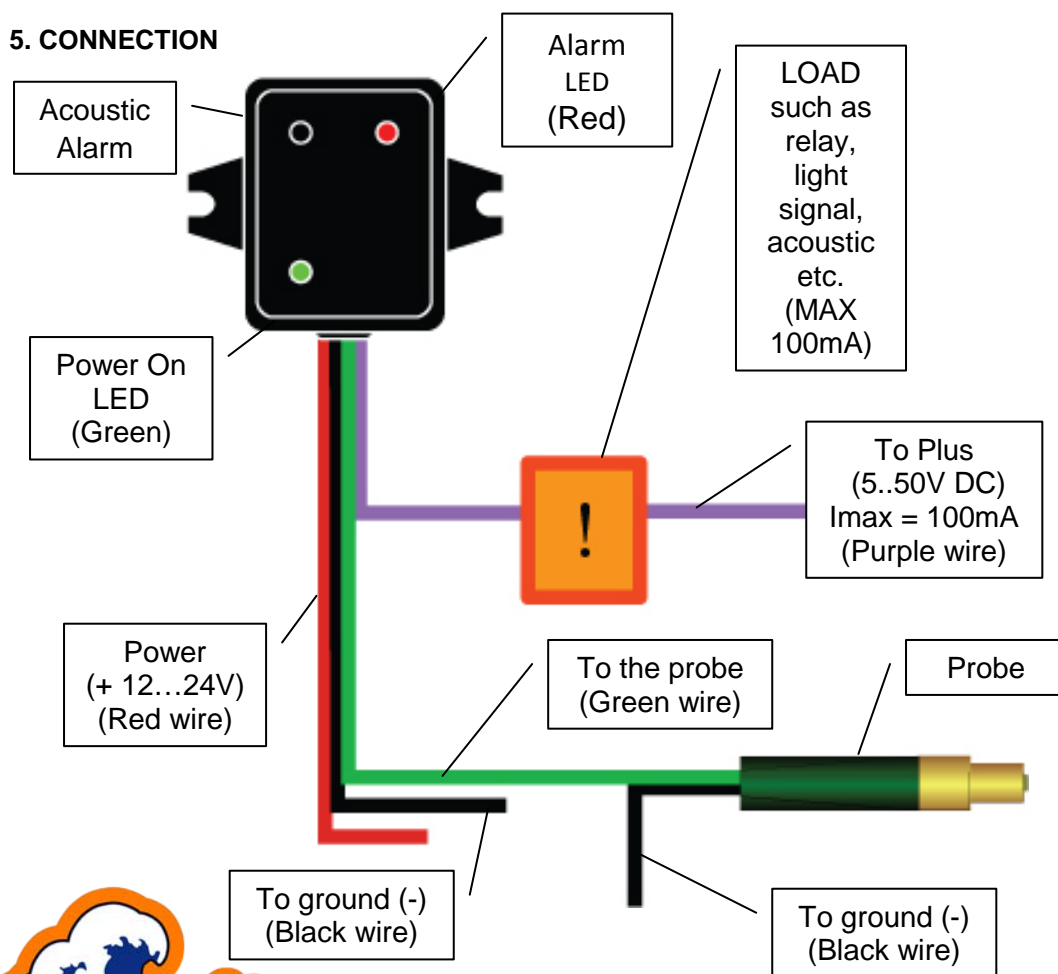
3. WIRES

- Connect the black wires of the probe and the sensor to ground – (-) pole of the power circuit,
- Connect the red wire to + pole of the power circuit,
- Connect the green wires of the sensor and the probe permanently.

4. RECOMMENDATIONS

When mounted, the wires of the sensor box should be pointing downwards in order to prevent intrusion of water.

5. CONNECTION



CAUTION !!!
Signal out is an „open collector” type.
The purple wire should not be connected to the current without connecting the Red, Black and Green wires first as this might otherwise cause short circuit and damage!!
Make sure the power consumption does not exceed 100mA. If the load is a relay, please remember to connect a protection diode.
In case the signal out wire is not used it can be rolled up or cut away.