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40901017 FILGUARD HIGH & LOW LEVEL ALARM WITH BMS OUTPUT

The Mk III Filguard High & Low level unit provides high and low level alarms for 1 storage tank via 2 LK float switches (40901201 STD) or (40901203 ATEX EXD) fitted in the tank (extended version required for low level indication). Provisions have been made within the LK oil filpoint cabinet(s) for mounting.

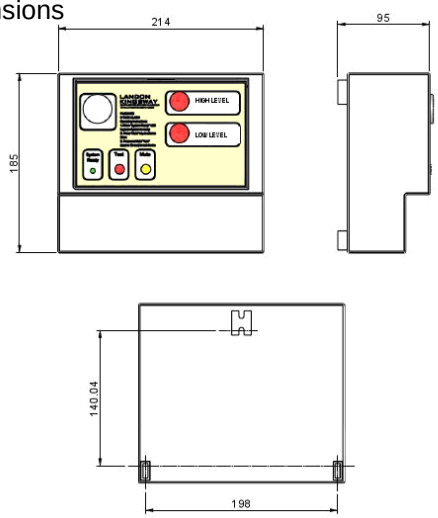
Technical Specification

Supply Voltage	230V 50Hz,
Power	30mA in alarm state.
Enclosure	Weatherproof ABS enclosure
Dimensions	185 x 214 x 95mm
Fixing Dimensions	198 x 145mm Ø5mm
Temperature Range	0°C to 50°C
External Buzzer Supply	24Vdc 100mA Max.
Electrical Entry	11 x 20mm conduit knockouts in base of unit.
Weight	1 kg

When all the connections have been made replace the lid taking care to ensure the wiring loom is not trapped and the gasket is correctly located to give a watertight seal.

If you have any questions or need any help then please contact our sales office.

Dimensions



INSTALLATION

Remove the two screws in the cover and lift it from the main body of the unit.

Once the lid has been removed the cable entry holes in the end of the box may be cut out. The mains supply is connected to the right hand side as per the PCB markings and wiring diagram.

When using the MK III Filguard in conjunction with Landon Kingsway's float switch the two wires from the float should be connected to the pair of terminals on the PCB marked "Sensor"; dependant on the number of float switches.

If using other sensors with the MK III Filguard, they should be connected such that under usual conditions the circuit connected to “Sensor” is normally open and closed to indicate an alarm state.

Volt free normally closed and normally open connections can be made via terminal blocks to the left of each sensor terminal block providing BMS feedback.

If an external alarm is required, connection should be made to the terminals marked "External Alarm / Buzzer" this can provide a 24vdc or volt free output via selection of the jumper provided.

Wiring Diagram