



MKIII FilGuard 2 Tank 40901017

The MKIII FilGuard High & Low level unit provides high and low level alarms for 1 storage tank via 2 Landon Kingsway float switches (40901201STD) 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.



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 MKIII 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 MKIII 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.

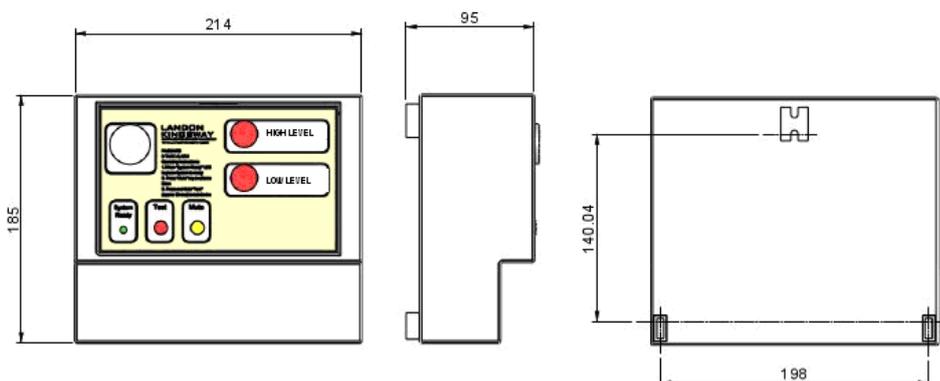
When all the connections have been made replace the lid taking care to ensure the wiring loom is not trapped and the gasket is correctly located to give a watertight seal.

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

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 knock-outs in base of unit.
Weight	1kg

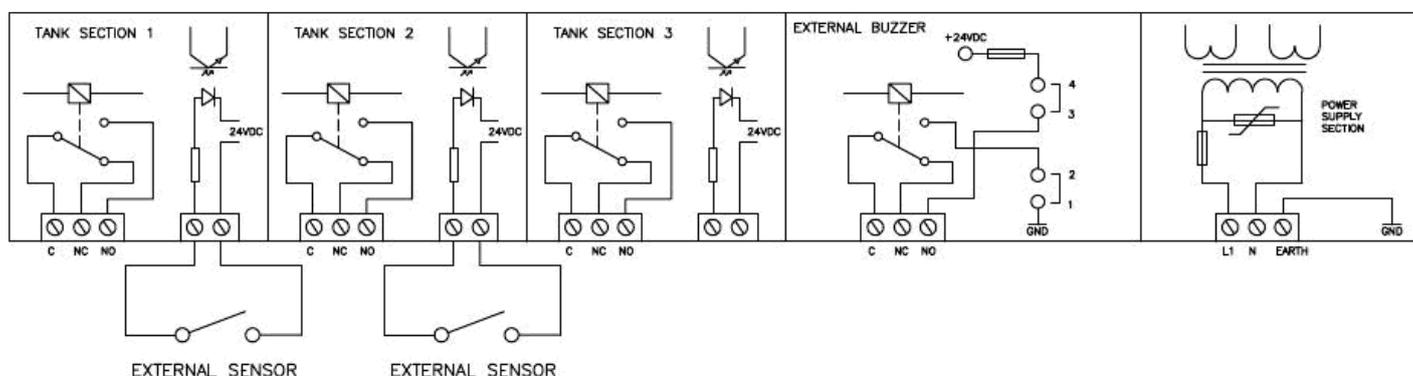
Dimensions





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Wiring Diagram



Related Products



MK III FilGuard 1
Tank 40901014

The MK III FilGuard 1 Tank unit provides a high-level alarm via LK float switches fitted in the tank



MK III FilGuard 2
Tank 40901015

The MK III FilGuard 2 Tank unit provides high-level alarms for up to 2 separate tanks



Repeater
Gauge

With a 4 – 20mA output, the Repeater Gauge is stainless steel bodied and can be wall or flush mounted



Hydrostatic Contents
Gauge

Each hydro-static contents level gauge is manufactured and calibrated to each individual oil storage tank to ensure the system can maintain high accuracy and a long service life