

Oilybits

Level Control Switch

Installation Instructions

Connect Mains Supply to lead emerging from gland marked 'Supply' using suitable electrical connectors (not supplied)

Connect Load to lead emerging from gland marked 'Load' using suitable electrical connectors (not supplied)

For through-wall float switch installation:

Paying attention to the instructions in the switch packet;

The through-wall float switch can be either installed by entering through from the outside of the tank (relying on interference to hold in place) or from the inside of the tank (relying on a back nut to hold more securely in place). Using a Cone Cutter or large drill bit, drill a hole through the wall of your vessel, take care to ensure the walls of the hole are smooth, to ensure a good seal when the rubber grommet is spread. DO NOT USE A HOLE SAW as the finish of the walls will be very rough and difficult to seal. Fasten the switch through the wall as desired and connect the electrical wires using the 2 insulated bullet connectors supplied.

With the float drooping downwards at 45 degrees to the float body, the power will be isolated and the red lamp will show on the control box. With the float in its floating (horizontal) position, the green lamp will show on the control box. Reverse the orientation of the float to switch upon rising or dropping liquid levels

For suspended float switch installation:

Drill a 12mm hole through the top of the tank, not above any moving parts inside. Push the grey cable gland through the hole and secure using the nut supplied. From inside the tank, pass the wires from the float switch, and connect these wires to the box using the 2 insulated bullet connectors supplied. Tighten the cable gland to secure the float at the desired height.

Technical Specification

Version	Vertical	Horizontal
Relay Voltage	230vAC 50Hz	230vAC 50Hz
Max Switching Amperage	16A	16A
Cable Size / Type	2.5 mm, Arctic Grade	2.5 mm, Arctic Grade
Supply Cable Length	90 cm	90 cm
Load Cable Length	90 cm	90 cm
Relay Contact Open	Red	Red
Relay Contact Closed	Green	Green
Min Liquid S.G	0.70	0.85
Max Liquid Temperature	70 Celsius	110 Celsius
Max Pressure	4 bar / 58 PSI	When Fixed with nut 4 bar / 58 PSI
Material Float	Polypropylene	Glass Filled Nylon 6.6
Material Body	Polypropylene	Glass Filled Nylon 6.6