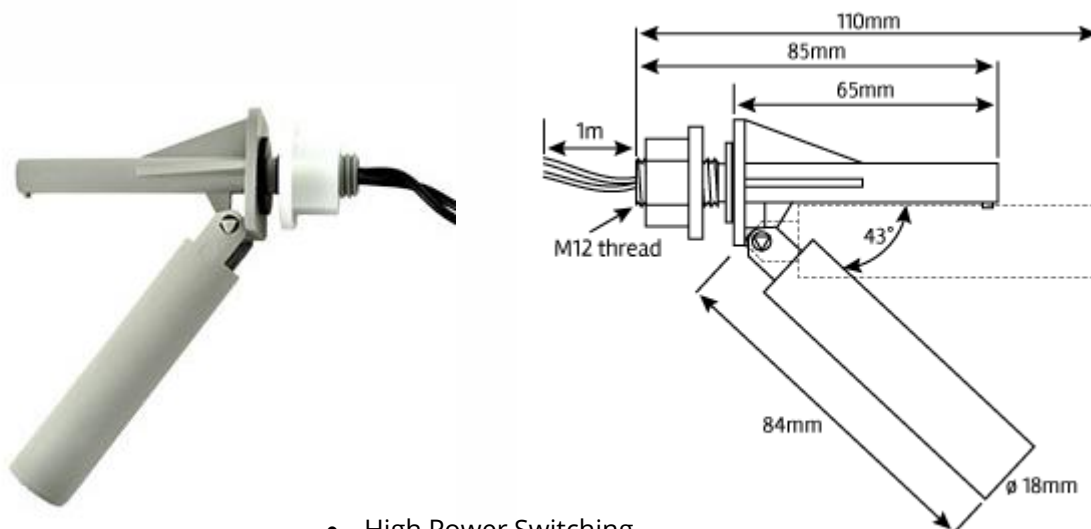
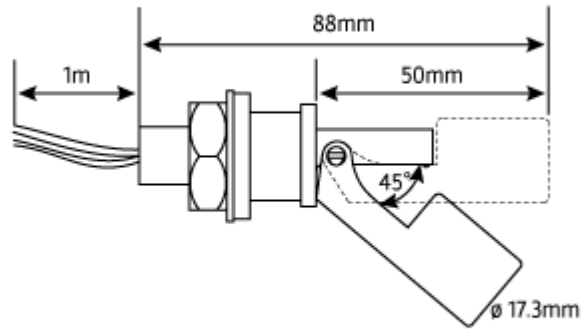


30 Series Horizontal Liquid Level Sensor



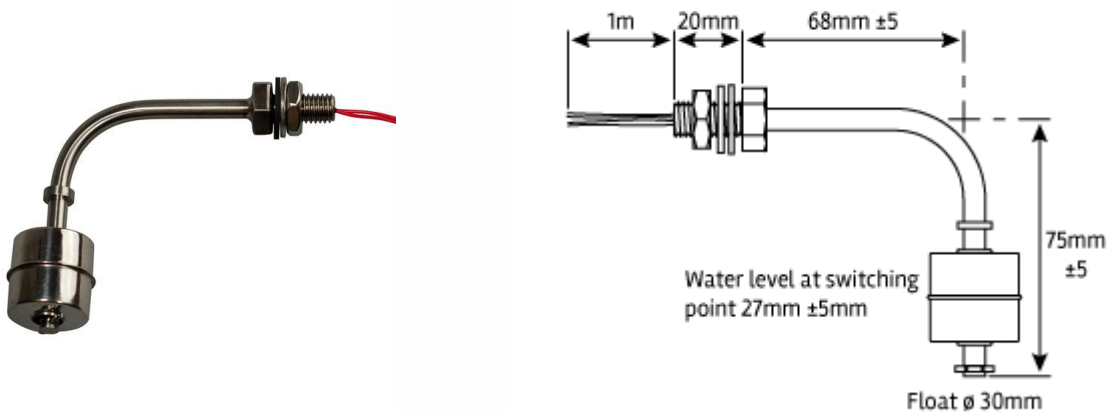
- High Power Switching.
- Self cleaning hinge mechanism.
- Suitable for harsh environments.
 - Good chemical resistance.
- Wide operating temperature range.
- Change switch operation from normally open (N/O) to normally close (N/C) by rotating the switch so the float is above the centre line.
 - The weight of the sensor is approximately 48g.
- A 1 metre PVC cable is provided as standard, for custom cable lengths, contact sales office.

40 Series Horizontal Liquid Level Sensor



- Horizontally mounted miniature liquid level sensors designed for internal or external tank mounting.
- The design provides for a cost-effective solution where high reliability in a demanding environment is called for.
- Available in PVC, Polypropylene, PPS and Nylon materials to permit use in most chemical and temperature environments.
 - By rotating the body through 180° it is possible to sense for high or low conditions.
- This design is ideal for food, automotive, petroleum, chemical and laboratory applications.
 - Available with form A (SPST) or form C (SPDT) contacts.
 - The weight of the sensor is approximately 35g.
- A 1 metre PVC cable is provided as standard, for custom cable lengths, contact sales office.

70 Series High Temperature Stainless Steel Liquid Level Sensor



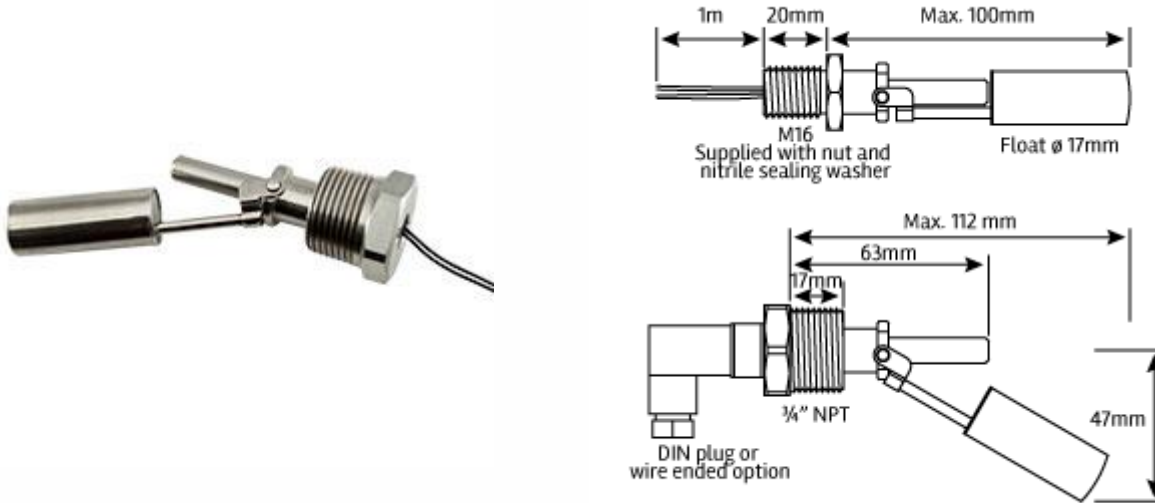
The 70 series is a small side mounted vertical liquid level sensor designed for high temperature/high pressure operation and sensing chemically aggressive liquids. The design provides a cost effective solution where high reliability in a demanding environment is called for. It is ideal for applications in food, automotive, pharmaceutical and chemical industries. As shipped, the float switch is Normally Open and closes on rising to the switching point. This can be changed to Normally Closed and open on rising by inverting the float on the stem. The high temperature version of the 70 series has the added benefit of being able to operate in temperatures exceeding the standard limit of 120°C and can operate in temperatures of up to 200°C.

Technical Data

Float Specific Gravity	0.62
Maximum Pressure	10 bar
Operating Temperature	-40°C to +200°
Switch rating	Form A \bar{C} 240Vac, 1Amp, 50Watts max
Cable length*	1 Metre
Cable Type	PTFE insulated 7/0.2
Weight	30g
Mounting	M10 x 20mm
Wetted Materials	316L Stainless Steel

*For custom length contact the sales office for advice

80 Series Stainless Steel Horizontal Liquid Level Sensor



The 80 Series is a small horizontally mounted liquid level sensor designed for high temperature/high pressure operation and sensing chemically aggressive liquids. The design provides a highly cost effective solution where high reliability in a demanding environment is called for.

Technical Data

Minimum Liquid Specific Gravity	0.9
Maximum pressure	350psi 24bar
Operating Temperature	Wire ended -20°C to +120°C Din plug -20°C to +120°C
Switch contacts	Form A: 250Vac/dc, 1Amp, 50Watts max power Form C: 60Vdc, 0.25Amp, 4Watts max power
Cable length*	1 metre
Cable type	PTFE insulated 7/0.2
Weight	80g
Mounting	M16 internal mount 3/4" NPT external mount
Wetted Materials	316L Stainless Steel

Dual Level Controller



The Dual Level Controller allows control of the liquid level in a tank between two points and/or an extra control output in the event that the tank over or under fills. The Dual Level Controller (DLC) provides safe low voltage for the level switches which may become submersed and has high power relay contacts to control a pump or a solenoid valve in a gravity fed top-up system. The DLC-1 provides one relay that can be configured to provide dual level control or just buffer a single float switch or other light duty switching device. The DLC-2 has an additional totally independent relay that can be used for any purpose. For example, a pump can run dry and become damaged if there is a lack of liquid in the tank in a pumped output system. A float switch can be set just above the level where this occurs and the relay contacts of the DLC-2 wired to cut the electrical supply to the pump motor. The DLC-3 offers an IP65 rating in addition to these features.

The uses of this product are diverse – please call us to discuss potential applications.

