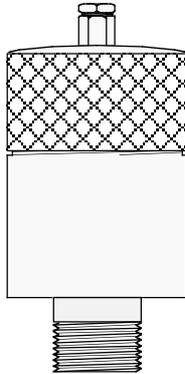
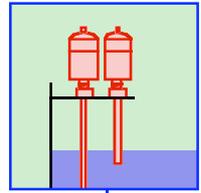
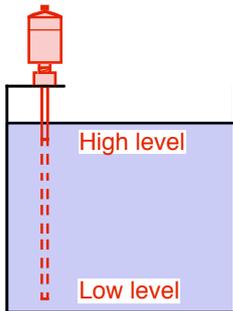


LPS1 Floatless Level Controller

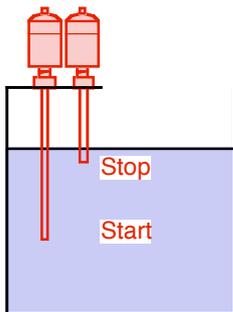


- * **Pneumatic Level Switch**
- * **Unaffected by Foam**
- * **Works in Non Conducting Fluids**
- * **Manufactured in PVC**
- * **Single Point Control**
- * **Suitable for Demin/DI Water**
- * **No Floats to Stick or Clog Up**
- * **Safe & Reliable**
- * **Cost Effective**
- * **Weatherproof to IP65**

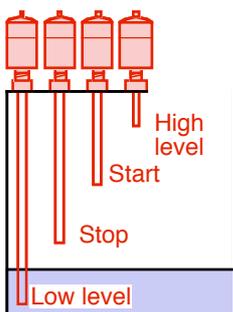
Typical Applications



High or low level alarm



Pump control between two levels, maybe pumping in or pumping out



Pump control between two levels, with high and/or low level alarms

The LPS1 is a pneumatic level switch designed to provide a single point control at a preset level in a vented tank sump or pit. The principal of operation is by a simple pressure switch being operated by a column of air trapped in the dip tube.

This provides a safe and reliable method of control as the liquid does not come into contact with the switching device.

A low air pressure of only a few millimetres of water gauge is all that is needed to operate the switch.

The LPS1 is mounted via a 3/4" BSP male thread with a PVC tube solvent cemented inside which is cut a few millimetres longer than the switching point required.

For pumping control between two levels simply install two LPS1 level switches one for the start level and one for the stop level. Applications include level control or alarm of demin water, solutions which foam, acids and hypochlorites, sludges and slurries (which flow).

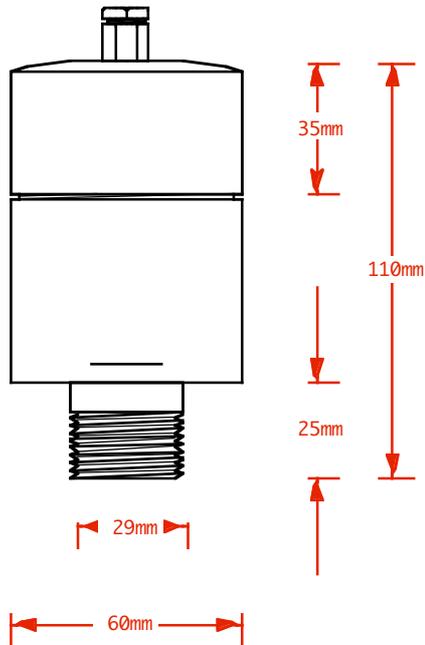
A flange mounting controller can be supplied for deeper vessels.

Specifications

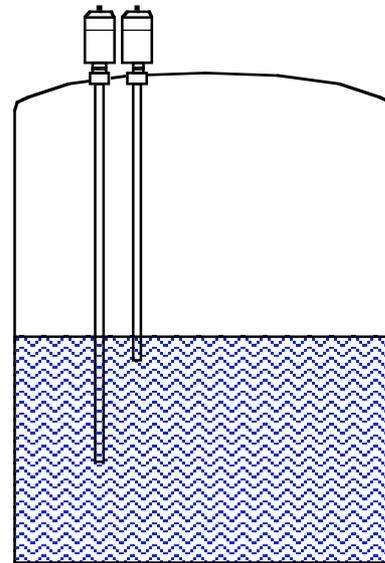
Mounting	3/4" BSP male thread Option for 3/4" table "D" flange
Material	PVC
Seals	Neoprene
Max. temperature	50oC
Length	900 mm standard Option to order up to 3 m
Switch	Changeover contacts Common & NO/NC
Switching differential	Approx 20 mm
Connections	Terminals in the head
Weight	250 grms. Approx

LPS1 Pneumatic Level Switch

Dimensions



Mounting



Mounting vertically in a vented vessel top
via 3/4" BSP port

AWE

Automated Water & Effluent Ltd

AWE House Antom Court, Tollgate Drive, Beaconside, Stafford, ST16 3AF UK.

Tel: 01785 254597 Fax: 01785 257724

www.awe-ltd.co.uk email sales@awe-ltd.co.uk