

FLOAT & LEVEL SWITCHES



FLOAT & PROBE TYPE

- 1ph pump control
- Portable duties
- Fixed installations
- Small sumps
- Shallow water

The **Pendant** float switch has a 370mm long, H07RN-F 1.5mm² rubber cable, with an integral gland, for fitting to many single phase contractor pumps by Tsurumi and APP.

The **Agma** is a more compact design of float switch that has a mechanism that operates within a tube. It has an integral gland for fitting to some single phase pumps by Tsurumi and APP. Supplied with 10 metres of rubber cable.

The **Sensor** is an electronic float switch with stainless steel probes encapsulated in impact resistant moulded rubber. When the probes touch water, the pump will start and continue to operate for one minute after the water falls below it. However, if the water touches the probe within this time, the "stop" signal is cancelled and the pump continues to run until the water is cleared. It has an integral gland, for fitting to LB480, LB800 and LSC1.4S Tsurumi pumps. It is suited to portable applications, but the compact design and precise level control also makes it suitable for fixed installations and narrow or shallow sumps. As an optional extra, two types of extension kit are available to enable pumping even further down from the encapsulated probes: 70mm and 170mm nearer to the floor (but not beyond the pump's specified lowest running water level).

NB This product is electronic, so damage may occur from the high current and high voltage applied during a portable appliance test. We recommend bypassing the switch, for a visual inspection only, during a test.

The **Remex** is a float switch for filling, emptying and alarm duties for all types of electrically driven pumps for operation in liquids up to 70C°. It is simple in construction and easy to fit. The float switch is IP44. Floats and weights are in A.B.S. thermoplastic and the cord length is 0.9 metres.

The **SwitchH₂O** has been designed specifically for use with the LSC1.4S residue pump utilizing a **Simplex** control panel (optional extra-see page 75) for controlling low water levels. 3 probes, in 304 stainless steel, are set in an epoxy-resin filled holder and they represent on, off and common. "On" must be cut to a position 50mm to 15mm, from the base of the pump and the "off" cut to a position from 40mm to 5mm from the base of the pump. In any application, these two probes must have a minimum difference of 10mm. "Common" must always be below the level of the "off" probe. It is supplied with 10 metres of low voltage, PVC power cable.

Probes, used in conjunction with **probe wire**, and controlled by a **Simplex** control panel (see page 77), are used for precise water level control. A probe can control the water level down to 5mm. Probes are also necessary when there is insufficient space available for traditional pendant or tube float switches to operate. A minimum of three probes is required: on/off/common. Suitable for use with single and three phase pumps.



item code	model	unit	dry weight (kgs)	Price (£)	code
12-40-1013	Pendant	each	0.32	41.00	1
12-40-1021	Agma	each	1.50	55.00	1
10-40-1003	Sensor (110 volts)	each	0.60	236.00	1
10-40-1001	Sensor (230 volts)	each	0.60	236.00	1
10-40-1002	Sensor extension kit, 70mm	each	0.15	13.00	1
10-40-1000	Sensor extension kit, 170mm	each	0.64	63.00	1
12-40-1016	Remex	each	0.75	59.00	1
16-40-1001	SwitchH ₂ O (exc. panel)	each	0.53	66.00	1
17-40-1002	Probe	each	0.05	6.80	1
17-40-1017	Probe wire	per metre	0.004	0.70	1