LIQUID LEVEL SWITCHES HIGH - LOW SWITCHING

EL..

These level switches are suitable for mounting from the top of a tank to monitor the level of liquid. The float follows the surface of the liquid level. The switches within the float operate according to the tilting action.



Polypropylene float - PVC cable Volt free contacts Liquid sp. gravity > 0.7 Enclosure Flammability = UL94-HB Media: Water, non-combustible and non-aggressive fluids. Max pressure 2 bar

Туре	Mounting	Difference mm Approximatly	Media Temp°C	PVC Cable Length	Switch Rating	Function	Switch Operation
EL-AL	Vertical	40	0-55	5m	230VAC 6(3)A	Low level alarm	Close on low level & Open on rise
EL-AH	Vertical	40	0-55	5m	230VAC 6(3)A	High level alarm	Close on high level & Open on fall
EL-AHL	Vertical	250/1200 adj. Dead band	0-55	5m	230VAC 6(3)A	Hi & Lo level alarm	Close on high – Off – Close on low
EL-PF	Vertical	250/1200 adj.	0-55	5m	230VAC 6(3)A	Pump filling	Close on low level until high level
EL-PE	Vertical	250/1200 adj.	0-55	5m	230VAC 6(3)A	Pump emptying	Close on high level until low level

DIMENSIONS: EL. 55 Fix the bracket to the wall/tank, leaving the float to hang on the cable. Bracket *Weight Adjust cable length according to the switching level required. ** Adj diff 155 Float cable A fixing bracket to secure the cable at the top of the tank is included.

diff. 40mm approx.

EL-AHL High ON High OFF Dead band Low OFF Low ON

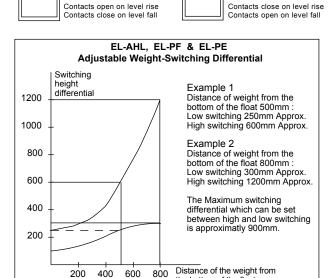
EL-AL diff. 40mm approx.

EL-AH EL-AH diff. 40mm approx.

High ON High OFF

Low OFF

Low ON



the bottom of the float

Email: sales@electrocontrols.co.uk

WIRING:

*EL-AL & EL-AH do not use a weight.

adjusting the length of cable in the tank.

**On other types the switching differential

is at minimum when the weight is

nearest to the float.

The switching point can be set by

EL-AL 1-2 close on low level. When the level increases by about 40mm (diff) the contact opens.

Ø 170

EL-AH 1-2 close on high level. When the level decreases by about 40mm (diff) the contact opens.

EL-AHL 1-2 close on high level. When the level decreases by about 40mm (diff) the contact opens.

1-3 close on low level. When the level increases by about 40mm (diff) the contact opens.

EL-PF 1-2 close on low level until high level

EL-PE 1-2 close on high level until low level

CE

S2

Telephone: +44 (0)1480 407074