

## FLDT LIQUID LEVEL DETECTOR



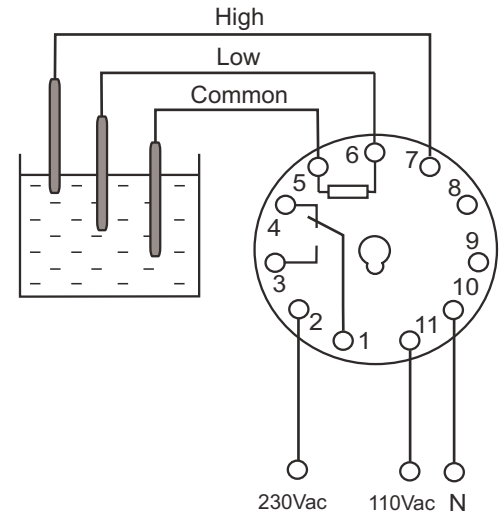
- Differential or single point sensing
- Adjustable sensitivity
- 110 or 230Vac supply options
- 5 A SPCO relay output

The FLDT liquid level detector is designed to operate with a differential sensing device but by shorting the high and low probes it can also be used for single point detection. A sensitivity control on the front of the unit enables it to be used for a wide range of conductive liquids. Under differential operation, the output relay will energise when the liquid falls below the 'Low' level and de-energise when it rises above the 'High' level. The unit can be panel mounted from its 48 x 48mm front fascia or chassis/DIN rail mounted using an 11 pin plug in socket.

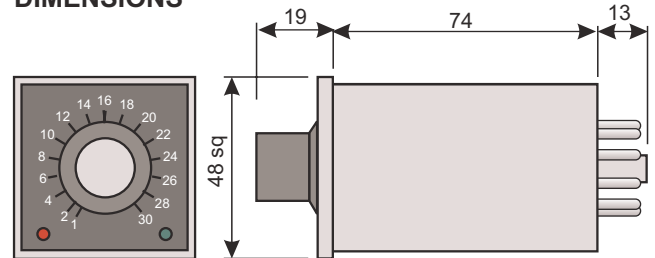
### SPECIFICATION

Supply voltage :	110/230(220-240)Vac
Supply frequency:	50/60Hz
Power drain :	4VA
Operating res:	On : 2 to 20K Off : 5 to 59K
Sensing delay:	500 msec typical
Output rating:	SPCO relay rated at 5A/240Vac /30Vdc resistive
Electrical life:	100,000 ops at rated load
Ambient range:	-10 to 50°C non-condensing
Approvals:	Conforms to CE emc EN50081-1 & EN50082-1 and low voltage EN61010-1 directives
Weight:	200grams

### CONNECTION DIAGRAM



### DIMENSIONS



Panel Cut-out 45 x 45 mm<sup>+0</sup>/<sub>-0.5</sub>

### STANDARD ITEMS

Type	Part Number
Differential level sensor	FLDT -110/230VAC
Wiring socket - panel mount	AZ511
Wiring socket - DIN rail	AZ611