

FLST LIQUID LEVEL DETECTOR



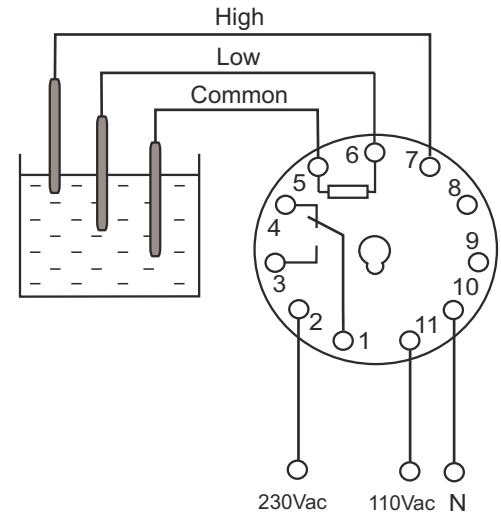
- Differential or single point sensing
- Level indicating LEDs
- 110 or 230Vac supply options
- 5 A SPCO relay output

The FLST liquid level detector has a fixed sensitivity, designed primarily to sense water using a conductive differential sensing device. By shorting the high and low probes, however, it can also be used for single point detection. 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.

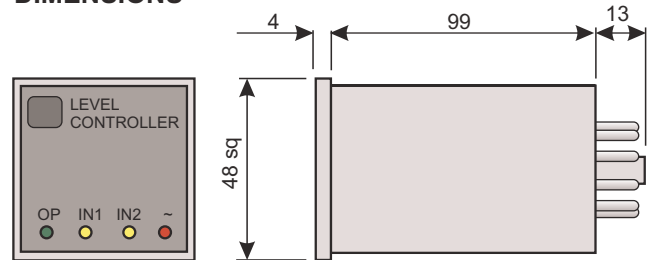
SPECIFICATION

| | |
|-------------------|---|
| Supply voltage : | 110/230(220-240)Vac |
| Supply frequency: | 50/60Hz |
| Power drain : | 4VA |
| Operating res: | 950K on, 220K ff |
| 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: | 180grams |

CONNECTION DIAGRAM



DIMENSIONS



Panel Cut-out 45 x 45 mm^{+0,0}_{-0,5}

STANDARD ITEMS

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