



Models Available

FLDT Liquid Level Detector

Product Features

- Differential or single point sensing
- Adjustable sensitivity
- Supply voltage 110Vac or 230Vac
- Standard DIN48 square size
- Plug-in socket or panel mounting
- Matching timers available
- Matching temp. controllers available
- Plug-in sockets also available

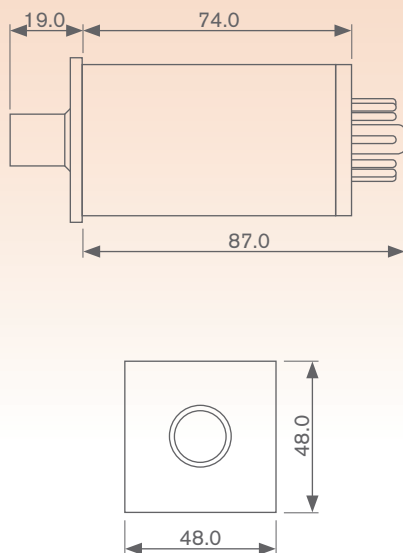
FLDT Liquid Level Detectors

The Tempatron FLDT liquid level detector is designed for differential or single point detection of liquid levels. The output relay will energise when the liquid level falls below the 'low' level and de-energise when it rises above the 'high' level. Alternatively, by shorting the high and low probes the detector can be used for single point detection. The adjustable sensitivity control enables use in a wide range of conductive liquids.

The liquid level detector is housed in a compact DIN48 square enclosure which can either panel mount or surface/DIN rail mount to a socket and it is auxiliary powered from either 110Vac or 230Vac. The 5 Amp rated single pole changeover relay output contact is isolated from the supply voltage and the FLDT has two LEDs to indicate both power and relay status.

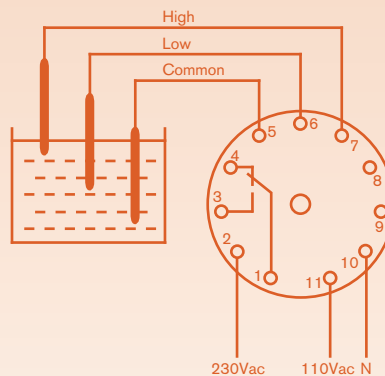
For differential or single point detecting of liquid levels

Dimensions



Panel cutout 45mm square (-0.0/+0.5)

Connections



Ordering information

Model	Code	Description
	FLDT	Liquid Level Detector

Auxiliary Power	Code	Description
	110/230VAC	110Vac and 230Vac

Plug-in Bases	Code	Description
	C1004	Panel Fixing Clamps
	CDSR11	11 Pin Rear Screw Panel Socket
	AZ611	11 Pin DIN Rail/Panel Mount Socket
	S11P	11 Pin DIN Rail/Panel Mount Socket

Example	FLDT-110/230VAC
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Specification**Power Supply Voltage:**

- 110Vac and 230Vac ($\pm 15\%$)

Burden:

- <4VA

Frequency:

- 50/60Hz

Detection Sensitivity:

- On: 2 to 20kohm
- Off: 5 to 59kohm

Sensing Delay:

- 500ms typically

Relay Output:

- Single pole changeover contact

Contact Rating:

- 5A at 240Vac/30Vdc (resistive)

Electrical Contact Life:

- 100,000 operations at 5A

Operating Temperature:

- -10°C to 50°C

Enclosure Code:

- Case IP40

Weight:

- 200g

Markings:

- CE marked (meets EN61010-1 low voltage and EN50081-1/50082-1 EMC directives)

Specification subject to change without notice.

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