

Level-Trac Model LT-302 Control Unit

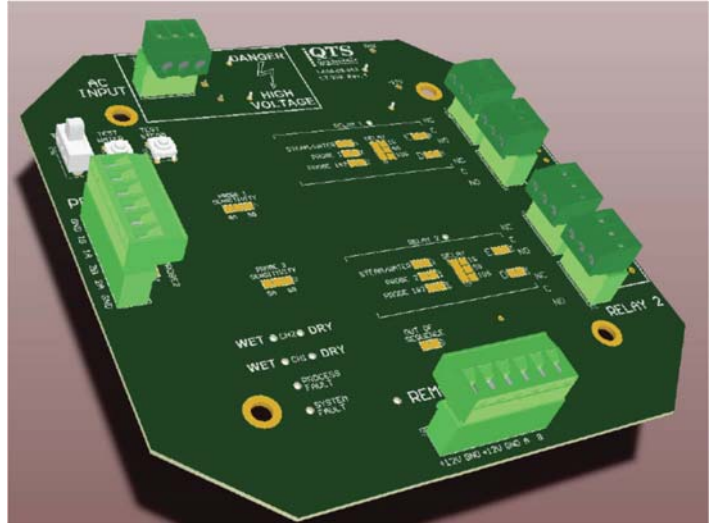
The Level-Trac LT-302 is a versatile controller for up to 2 conductivity probes. Each of the probes are controlled by a discrete channel that provides remote level indication. The LT-302 control unit is designed for ease of installation.

Alarm and Trip Logic:

Each LT-302 control unit is supplied with two DPDT relays for alarm and trip actuation. Each probe has a dedicated DPDT relay to be programmed and used as the application requires. The relays are programmable to be in the energized (failsafe) or de-energized mode as Normal. Normal may be independently programmed as wet or dry, as the application requires. A third relay is dedicated for fault logic.

Fault Logic

Fault logic is based on an out of sequence scenario, alerting the user to a probe or conductor issue. Indication of fault is via a flashing yellow LED and the activation of a dedicated relay.



Programming:

Quest-Tec Solutions will supply the control unit programmed and tested per the user requirements. Each control unit is serialized and fully traceable. Field modification can be performed via solder jumps.

Features:

- NEMA 4X Fiberglass Reinforced Polyester Enclosure
- 100-240 VAC 48-63 Hz Power Supply
- Low Voltage (5 VAC) to probes
- Voting Logic Controlled Trip Circuits
- System Fault Logic and Indication
- Circuit Test Buttons
- Adjustable Time Delay
- Three Ranges of Sensitivity
- Low Power Consumption, 0.12 Amp Maximum

Optional Accessories:

- LTI-302 Panel Mount Remote Display
- Serialized Remote Display Output
- High Temp Probe Cable
- Stainless Steel Enclosure