

LEVELCOM LC-300

Well Level Indicator

The LC-300 is engineered to provide quick, accurate, reliable measurement in wells from 50 to 2000 feet deep.

The LC-300 utilizes LevelCom's "**Advanced Bubbler Technology**," which combines computer and conventional bubbler technologies enabling the LC-300 to provide automated operating cycles, self diagnostic capabilities with data collection and remote access communication. The LC-300 has a reputation for quality and having a very low cost of ownership. The LC-300 is a rugged performer and works in conditions and liquids where other technologies will not work or have a short life expectancy.

With LevelCom's "**Advanced Bubbler Technology**," only the sense line is down the hole, maintenance costs are greatly reduced and there is no cable or transducer in the well.



- Continuously and accurately monitors water levels providing analog or digital output, compatible with telemetry and control systems
- Self diagnostic - automatically monitors gas cylinder pressure, detects leaks and plugs in well sense line.
- Well head pressure is continuously monitored and accounted for in the level measurement
- Approved for extreme environments ranging from temperatures of -30 to 140 F
- Modbus RTU 485 communications standard provides data stream to any HMI or SCADA system.
- Radio LAN spread spectrum communication capable

Applications

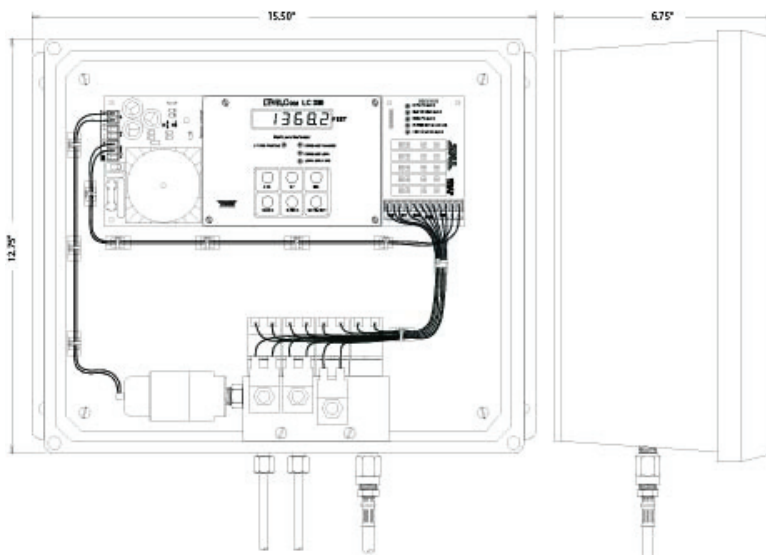
- Municipal Water Wells
- Agricultural Wells
- CBM Wells
- Flood Channels
- Lakes
- Reservoirs



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SPECIFICATIONS

Power:	120 VAC, 2.0A, 50/60/HZ
Temperature:	Operating Range: - 30 F to + 140 F (-34.4 C to + 60 C)
Humidity:	5 - 95% RH non-condensing
Display:	6 digit alpha-numeric display, LED status indicators
Range:	0 - 2000 feet of water (610 meters)
Linearity (BFSL)	Less than or equal to +/- 0.5%
Hysteresis:	Less than 0.25% FSO
Enclosure:	NEMA 4X non metallic (Options available)
Alarm Setpoints:	Four (4) programmable setpoints
Control Setpoints:	Four (4) programmable setpoints
Optional Outputs:	Two (2) SPDT FORM C relays, 4-20m-A
Supply Gas:	Shop Air or Compressed Nitrogen (N2) depending on well depth, location and air availability.



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