

LEVEL.Com LC-100

Liquid Level Computer - Tank Level Gauge

The LC-100 works off hydrostatic principle and is engineered to provide quick, accurate, reliable measurements in all styles and shapes of tanks up to 180 feet deep.

The LC-100 utilizes LevelCom's "**Advanced Bubbler Technology**", which combines computer and conventional bubbler technology, enabling the LC-100 to provide automated operating cycles and SCADA with self diagnostic capabilities.

The LC-100 is the workhorse for difficult applications in the chemical, marine and offshore industries. The LC 100 is a rugged performer and works in conditions and liquids where other technologies will not work, are problematic or have a short life expectancy. The LC-100 works without a cable or transducer in the tank, eliminating common failure points and providing dependable performance with greatly reduced maintenance costs.



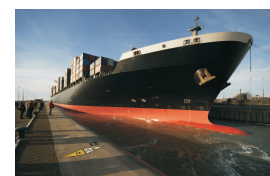
- Robust proven design, real time readings
- Field configurable
- Completely self diagnostic, monitors sense lines for plugs and leaks identifies faults
- Displays depth, weight, volume
- Multiple alarms and set points
- Applicable for all shapes of tanks, no custom scales required
- Can be panel mounted in gangs for multi-tank applications
- Interfaces with existing control and Information Systems (SCADA) Modbus connectivity, Devicenet and Profibus available
- 120VAC, 240VAC, 24VDC power options
- Specific Gravity and Differential Pressure capabilities

Applications

Industrial -Acids, Aggressive Media, Slurries, Surface Foam, Sludge, Oils, Suspended Solids

Marine- Ballast, Fuel Oil, Distilled & Potable Water, Lube Oil, Sludge

Civil - Water, Wastewater & Run off, Environmental Monitoring



LevelCom LC-100 Tank Level Indicator

SPECIFICATIONS

Design Standard: The LevelCom 100 has been designed to meet the requirements of 46 CFR 62.25-30 and the American Bureau of Shipping (ABS) 1994 Rules for Building and Classing Steel Vessels, Part 4- Machinery Equipment and Systems.

Approvals: US - **UL 916** - Process Control Equipment, File E185105
Canada - **CUL C22.2** No. 142-1987,
ABS Type Approval, Certificate PO16589-X

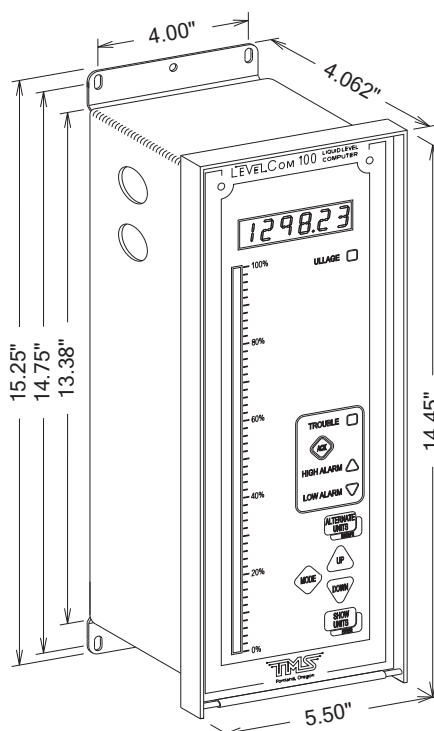
Power: 115VAC / 100mA / 60Hz - Fuse: 2A, 24VDC / 500mA – Fuse: 2A

Supply Air: Regulated pressure varies with input sensor range
Filtered to 40 microns

Temperature: Operating range: -10° F to +140° F (-23.33° C to +60° C)

Humidity: 5 - 95% RH non-condensing

Enclosure: UL listed as "Rain tight / Indoor use only". NEMA 4; Constructed of .090" 5032 H32 powder coated aluminum alloy. All fasteners are 304 stainless steel



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