The Model LDL2-030 Vented Water Level Data Logger has a vented cable and end cap to allow it to automatically compensate for atmospheric pressure fluctuations. The data logger measures water level up to 30 ft (9.14 m) and has an internal temperature sensor that accurately records temperatures between -40 to 158°F (-40 to 80°C). The innovative design makes it ideal for use in wastewater treatment facilities as well as monitoring well and ground water levels. The battery-powered data logger can store over 16,000 measurements per channel, and the software allows for user selectable sampling rates. The easy to use DL700 software allows the LDL2-030 to be easily started and stopped from a PC or delayed to start up to six months in advance.

Model LDL2-030, Vented Water Level Data Logger .................................. $659.00

ACCESSORIES
DL700, Software, Manual and USB Interface Cable .............................. $110.00
TL-2150, Replacement battery for Series LDL2-030 ........................... 20.00

\[\text{\textcopyright Items are net priced and are not subject to any discount.}\]

**Features**
- Automatic ambient temperature compensation
- High accuracy (0.25% of max. range)
- Integral LCD display
- Direct installation
- Simple menu structure. Diagnostic capabilities and a failsafe output signal make the ULB an essential choice in critical applications.
- Sophisticated algorithms are used to overcome acoustic interferences and false echoes. An integrated LCD screen and four push buttons allow for quick and easy programming on a simple menu structure. Diagnostic capabilities and a failsafe output signal make the ULB an essential choice in critical applications.

**Specifications**
- **Range:** Temperature: -40 to 176°F (-40 to 80°C); Water level: 0’ to 30’ (0 to 9.14 m).
- **Memory Size:** 16,383 readings per channel.
- **Accuracy:** ±0.9°F (±0.5°C); ±0.3% FSR @ 77°F (25°C).
- **Resolution:** Temperature: 0.2°F (0.1°C); Water level: 0.02” (0.051 cm).
- **Sampling Method:** Stop on memory full.
- **Sampling Rate:** Selectable from 2 s to 12 hrs.
- **Temperature Compensation:** To provide reliable and accurate measurements in virtually all conditions.
- **Recovery Time:** Temperature compensation to provide reliable and accurate measurements in virtually all conditions.
- **Pressure Compensation:** Automatic.
- **Computer Requirements:** Windows® 95, Windows® NT®, Windows® ME, Windows® NT®, and Windows® XP operating systems, one free USB port.
- **Power Requirements:** 3.6 V TL2150 lithium metal battery, installed functional, user replaceable.
- **Battery Life:** 1 yr (approx).
- **Interface:** USB port (interface cable required).
- **Weight:** 3 lb (1.4 kg).
- **Agency Approvals:** CE.

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The Series ULB is a direct-install level transmitter designed for non-contact measurement of solid levels. The ULB utilizes ultrasonic technology paired with automatic temperature compensation to provide reliable and accurate measurements in virtually all conditions. The innovative design makes it ideal for use in wastewater treatment facilities as well as monitoring well and ground water levels. The battery-powered data logger can store over 16,000 measurements per channel, and the software allows for user selectable sampling rates. The easy to use DL700 software allows the LDL2-030 to be easily started and stopped from a PC or delayed to start up to six months in advance.

**Features**
- Direct installation
- Integral LCD display
- High accuracy (0.25% of max. range)
- Automatic ambient temperature compensation

**Specifications**
- **Service:** ULB: Bulk solids; ULL: Compatible liquids.
- **Wetted Materials:** Sensor: Polypropylene; Acoustic window: ECTFE.
- **Ranges:** ULB-11: 0.8 to 11.5 ft (0.25 to 3.5 m); ULB-12: 0.8 to 11.5 ft (0.25 to 3.5 m); ULL-1XXX: 0.8 to 16.4 ft (0.25 to 5 m); ULL-2XXX: 1.96 to 49.2 ft (0.6 to 15 m).
- **Accuracy:** ±0.25% of max. range (at 20°C).
- **Resolution:** 0.04” (1 mm).
- **Blind Zone:** ULB-11: 0.8’ (0.25 m); ULB-12: 1.96’ (0.6 m); ULL-1XXX: 0.8’ (0.25 m).
- **Beam Angle:** 5° @ 3 db point.
- **Temperature Limits:** Water level: 0 to 30°C.
- **Temperature Compensation:** Automatic.
- **Pressure Limits:** 13.5 to 30 psi (0.9 to 2 bar).
- **Power Requirement:** 18 to 28 VDC.
- **Output Sensor:** 4 to 20 mA.
- **Loop Resistance:** Max. 727 Ω @ 28 VDC.
- **Electrical Connections:** Screw terminal.
- **Conduit Connection:** 1/2” NPT, cable gland (optional).
- **Process Connection:** 2” NPT, 2” BSP (optional).
- **Enclosure:** Plastic enclosure: ABS & UV resistant body.
- **Enclosure Rating:** NEMA 4 (IP65).
- **Mounting Orientation:** Vertical.
- **FailSafe:** 3 min delay before transmission of an error signal.
- **Memory:** Non-volatile.
- **Display:** 4 digit LCD.
- **Units:** ft, m (optional).
- **Programming:** 4 button.
- **Weight:** 3 lb (1.4 kg).