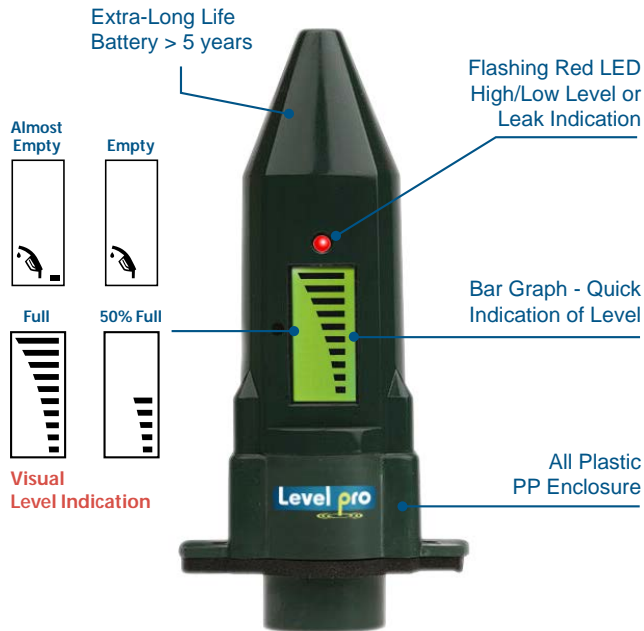


Battery Operated Ultrasonic Level Sensor

- Battery Operated | 5 years
- Digital LCD Display
- All Plastic Design
- Non-Contact Technology



SERIES : ViewSonic
BODY : PP



FEATURES

- Quick Visual of Level | 10 Point Bar Graph
- Simple to Install | Battery Operated
No Wiring Required
- ±1% Accuracy
- Wireless Communication to Remote Display
Range of 200 feet
- Red LED Alarm Flashes when level falls within 8 Inches of Max Fill or Low Level
- Remote Display simply plugs into 120VAC | No Wiring Required
- Leak Detection PP Buoyancy Switch for Double Wall Tanks
- 3 Versions | Sensor | Sensor + Leak Detection | Sensor + Leak Detection + Display
- Comes Factory Programmed or Program in under 2 min in the field
- All Plastic Corrosion Resistant Enclosure
- Long lasting battery | Std 'C' cell Type > 5 Years

APPLICATIONS

- Double Walled Tanks
- Chemical Storage | Chemical Sumps
- Remote Applications | No Wiring Required
- Chemical Feed Day Tanks
- Drums | Totes

Specification

Characteristic	Transmitter	Display Receiver
Dimensions	2.75" (W) x 1.6" (L) x 5.6"(H)	2" (W) x 2" (D) x 5.3" (H)
Housing Material	Polypropylene - UV Weather Stabilized	ABS
Operating temperature	-10°C to 60°C (Note 1)	-10°C to 60°C
Storage Temperature	-20°C to 60°C (Note 1)	-20°C to 60°C
Environmental Protection	IP67 - Outdoors	IP44 Indoors only
Radio frequency	CAN/USA: 914.5 MHz FM	N/A
Radio output power	CAN USA: 0dBm +/-2dBm	N/A
Receiver Sensitivity	N/A	-100dBm to -110dBm @ 0.001 BER
Ultrasonic range	4" - 10' (0.12M - 3M)	N/A
Ultrasonic signal diversion	4" Deadband	N/A
Chemical Resistance	Sensor is Non-Wetted (Check Chemical Compatibility)	N/A
Power requirements	3 Volt 'C' Standard Battery	CAN/USA: 115VAC 60Hz, 30mA
Battery life	Greater > 5 Years at Ambient Temp	N/A
Humidity range	15% - 95%	15% - 95%
LCD Display	10 level bar graph with refill error icons	10 level bar graph with refill/error icons
Full Lowdetection LED	Red LED flashes when level is rising and within 7" or (20 cm) of Transducer	N/A
Ultrasonic Resolution	± 0.4" or 1cm	N/A
Accuracy	±1% of Full Scale	N/A

* Note : Display is for Indoor Use Only

Ordering

VLS-200	ViewSonic Battery Operated Ultrasonic Level Sensor - (Factory Programmed)*
VLS-200-L	ViewSonic Battery Operated Ultrasonic Level Sensor + Leak Detection Switch (3 m) - Factory Programmed
VLS-200-RD	ViewSonic Battery Operated Ultrasonic Level Sensor + Wireless Remote Display
VLS-200-L-RD	ViewSonic Battery Operated Ultrasonic Level Sensor + Leak Detection Switch (3m) + Wireless Remote Display
LTS-100 ETSI EN	Leak Detection Switch - PP Body + PE Slosh Shield + 3 meters of Cable
PE-IF-100	1 ½" 2" NPT Installation Fitting

* Tank Dimensions must be provided

