

# VIEWSONIC SERIES

## Battery Operated Ultrasonic Level Sensor

Order from:  
**C A Briggs Company**

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Warminster, PA 18974

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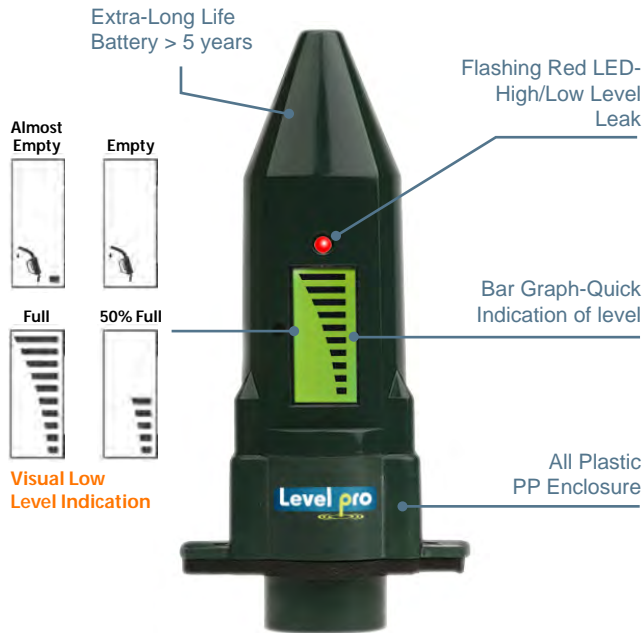


- Battery Operated-5 years
- Digital LCD Display
- All Plastic Design
- Non-Contact Technology



SERIES : ViewSonic

BODY : PP



## APPLICATIONS

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

## FEATURES

- Quick Visual of Level -Bar Graph
- Simple to Install-Battery Operated-No Wiring Required
- Very Accurate - +/-1% Accuracy
- 'Wireless Communication to Remote Display Range of 200 feet- to Remote Controller (Optional)
- Red LED Alarm Flashes when level falls within 8 Inches of Max Fill or Low Level
- Remote Display simply plugs into 120 VAC wall socket - 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

### 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 Stabized	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' (.12M to 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: 115V AC 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 1/2" + 2" NPT Threaded Installation Fitting

\* Tank Dimensions must be provided

