

SMARTPHONE WIRELESS TANK LEVEL MONITOR

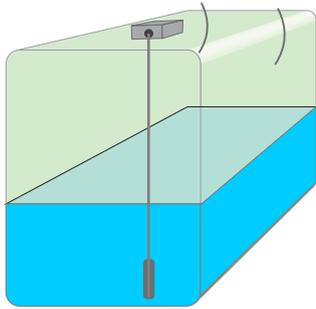
LEVELWATCH LW BLE-P



Levelwatch BLE-P is hydrostatic pressure wireless tank level monitor for smartphones. Sensor continuously measures the level and sends data to smartphone via Bluetooth. Data from sensor is monitored with the use of free LevelWatch application for IOS/Android smartphone. Drop-in sensor is suitable for clean liquids.

FEATURES

- monitoring the tank level on smartphone
- simultaneous connection to multiple smartphones
- volume units: percentage, liters, hectoliters and cubic meters
- daily and weekly consumption
- configurable tank shape
- suitable for clean liquids
- Bluetooth range up to 30 m
- easy installation without wires
- up to 3 years battery life



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range up to
30m



OPERATING

The sensor uses hydrostatic pressure measuring principle. It has no moving parts, which ensures reliable operation throughout its entire lifetime. Sensor measures level every 10 minutes and transmits the level data to the smartphone via Bluetooth every 5 seconds. Each sensor has its own unique address, which ensures that there is no interference between sensors.

INSTALLATION

The drop-in sensor must be placed on the bottom of the tank. It is suitable for all types of tanks made of different materials. The transmitter is placed on top of the tank or above it, in a place where the maximum range is guaranteed. It is connected to the sensor by a vented cable. If necessary, it can be installed above ground level.

MODELS

- LW BLE-P/20 (up to 2 m H2O)
- LW BLE-P/30 (up to 3 m H2O)
- LW BLE-P/50 (up to 5 m H2O)
- LW BLE-P/XX (water height up on request)

TECHNICAL SPECIFICATIONS

Tank height:	0.5 ... 20 m (depends on model)
Length of sensor cable:	double of sensor range
Level measuring principle:	Hydrostatic pressure
Measuring resolution:	1 %
Accuracy:	+/- 1 %
Measuring interval:	10 minutes
Data transmit interval:	5 seconds
Temperature operating range:	- 20 ... +50 °C
Battery:	3 x 1.5V AA Mignon
Battery lifetime:	up to 3 years
Connection with smartphone:	Bluetooth (BLE)
Range:	up to 30 m, visible distance
Casing:	145 x 66 x 41 mm, ABS, IP65
Weight:	800 g

APPLICATION

Application name:	Levelwatch
Level display:	graphical, volume units and percentage
Daily consumption:	volume unit and percentage
Weekly consumption:	volume unit and percentage
Tank shape:	square/round/customer configurable



Android application requires device with 4.3 OS or newer with Bluetooth BLE.