

SMARTPHONE WIRELESS TANK LEVEL MONITOR

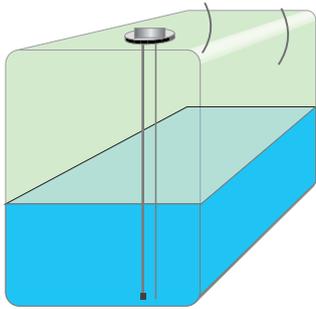
LEVELWATCH BLE-C2



Levelwatch BLE-C2 is capacitive 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. Sensor is suitable for water and water based 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 water and water based liquids
- suitable for all types of tanks
- Bluetooth range up to 30 m
- easy installation without wires
- up to 4 years of sensors battery life



range up to
30m



TANK TYPES

Sensor can be installed in tank of any shape and made out of different materials (e.g. metal, plastic, concrete...) It is suitable for smaller or larger tanks up to 10 m height. Tank shape can be configured in the App.

OPERATING

The sensor uses a capacitive measuring principle with measuring wire. It has no moving parts, which ensures reliable operation throughout its entire lifetime. Every 5 seconds, the sensor sends new data to the smartphone via Bluetooth. Each sensor has its own unique address, which ensures that there is no interference between sensors.

TECHNICAL SPECIFICATIONS

Tank height:

Length of measuring wire:

Level measuring principle:

Measuring resolution:

Accuracy:

Data transmit interval:

Temperature operating range:

Battery:

Battery lifetime:

Connection with smartphone:

Range:

Casing:

Weight:

APPLICATION

Application name:

Level display:

Daily consumption:

Weekly consumption:

Data refresh interval:

Data resolution:

Tank shape:

MODELS

1 LW BLE-C2

2 LW BLE-C2/R (with separate transmitter)

LW BLE-C2/F (with foil electrodes for small plastic tanks)



0.5 ... 4 m (on request up to 10 m)

4 m (on request up to 10 m)

RF capacitive

0.5 %

+/- 3 %

5 seconds

- 20 ... +50 °C

2 x 1.5V AA Mignon

up to 4 years

Bluetooth (BLE)

up to 30 m

145 x 66 x 41mm, ABS, IP67

200 g

Levelwatch

graphical, volume units and percentage

volume unit and percentage

volume unit and percentage

5 seconds

0.5%

square/round/customer configurable

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

