

LEVELWATCH BLE-C

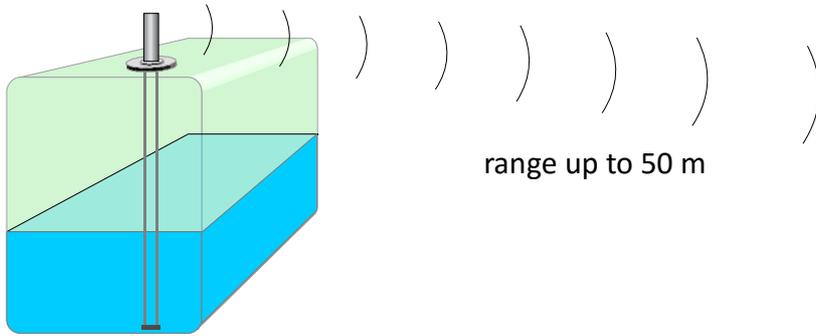
SMARTPHONE WIRELESS TANK LEVEL MONITOR



Levelwatch BLE-C 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 by using free application on smartphone or tablet. Very useful are information about daily and weekly consumption. Sensor is suitable for water and other water based liquids.

FEATURES

- monitoring tank level on smartphone
- volume units: percentage, liters, hectoliters and cubic meters
- daily and weekly consumption
- selectable tank shape
- suitable for all water based liquids and all types of tanks/reservoirs
- range up to 50 m
- easy installation without any wires
- up to 5 years of sensors battery life



TANK TYPES

Sensor can be installed in tank made of any kind of material (e.g. metal, plastic, concrete...). It is suitable for small or larger tanks with height up to 10 m.

INSTALLATION

Install the measuring part of sensor on the top of tank, so measuring cables are hanging freely to the bottom of tank. Sensor can be installed onto shaft wall or tank cap. Sensors with separate measuring unit and transmitter are available for underground reservoirs. Measuring unit is installed in underground tank, while transmitter is installed above ground for better transmitting.

TECHNICAL SPECIFICATIONS

Reservoir height:

Level measuring principle:

Measuring resolution:

Accuracy:

Data transmit interval:

Battery:

Battery lifetime:

Connection with smartphone:

Range:

Dimensions:

Weight:

FUNCTION

Sensor is using capacitive measuring principle with two measuring wires. Sensor has no moving parts, ensuring reliable operation through all lifetime.

Every 15 seconds a new data is send from sensor to smartphone application via Bluetooth.

Each sensor has its own unique address which ensures there is no interference between multiple sensors

0,5....4 m (on request up to 10 m)

RF capacitive

0,5 %

+/- 3%

15 seconds

1 x 3,6V AA lithium battery (included)

up to 5 years

Bluetooth (BLE)

up to 50 m, depends on receiver

screwthread 1", height 180 mm

200 g

APPLICATION

Level display:

Daily consumption:

Weekly consumption:

Data refresh interval:

Data resolution:

Available:

graphical, volume units and percentage

volume unit and percentage

volume unit and percentage

15 seconds

0,5%

3 types (rectangular, lying cylinder, oval)



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