



NAVIS

# WATER TANK LEVEL MONITOR

## LEVELWATCH C1

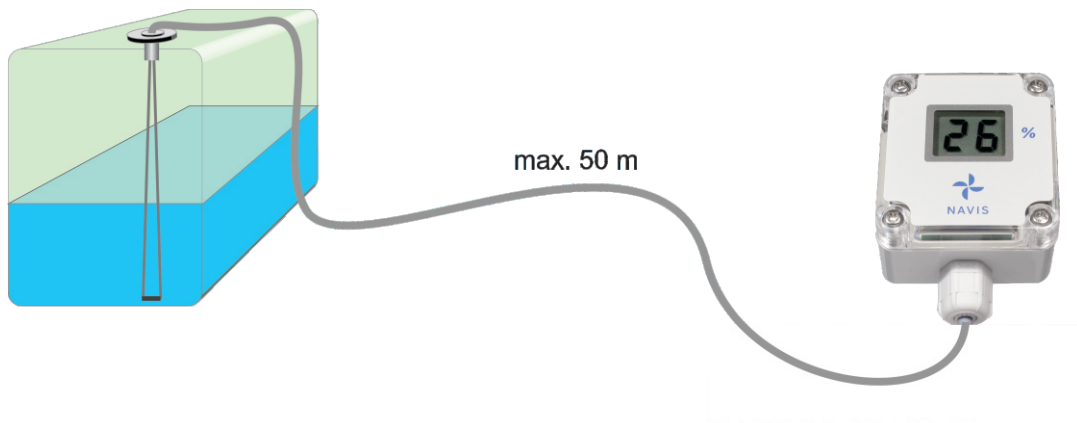


LEVELWATCH C1 is basic, battery operated water level monitor. It continuously measure and display water level with one percent resolution. Capacitance operating principle, without moving parts, ensure long life time and maintenance-free operation. LW C1 is

intended for using with all type and size of water tanks and containers made from any material. Display unit is waterproof and can be mounted on weather exposed places. Because of low power consumption the battery life is up to 3 years.

### FEATURES

- continuously display volume in %
- no button to press for measuring
- suitable for all water based liquids and all types of tanks
- no moving parts
- very easy to mount
- selectable tank shape
- can be mounted outside (IP65 display)
- battery operated
- 3 years battery life



## TANK TYPES

LW C1 can be installed in tank made of any kind of material (e.g. metal, plastic, concrete...). It is suitable for small or large tanks with height up to 5 m.

## INSTALLATION

Attach the measuring cable on the top of the tank, so the measuring cable hangs freely to the bottom of the tank.

Display unit can be mounted up to 50 m from the sensor (10 m connection cable is enclosed).

## TECHNICAL DATA

Level update:	1 / minute
Measuring unit:	percentage
Resolution:	1 %
Accuracy:	+/- 3 %
Measuring wire:	3 m (up to 10 m on special request)
Sensor-display cable length:	10 m (up to 50 m on special request)
Battery (changeable):	CR2032 Lithium battery, included
Battery life:	up to 3 years
Measuring principle:	RF capacitive
Dimension, display unit:	PC, 58 x 64 x 35 mm, IP65

## OPERATION

Sensor using capacitive measuring principle with measuring wire immersed to the bottom of the tank. It has no moving parts, ensuring reliable operation through all lifetime.

Every minute a new measurement is performed and displayed on 2 digit LCD.