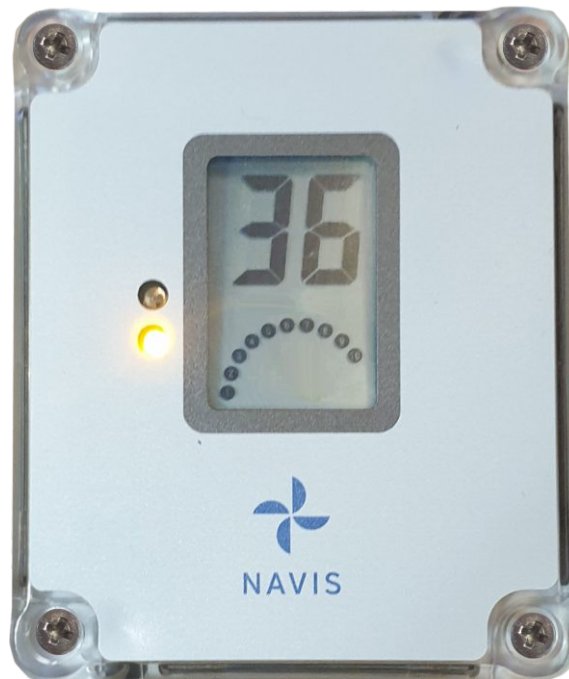


# LONG RANGE WIRELESS TANK LEVEL MONITOR

## LEVELWATCH LW3



### FEATURES

- easy mounting due to wireless sensors
- continuously display level data in %
- built-in audible alarms
- battery or external powered
- version with relay output
- up to 300/500 m range
- range of capacitive and ultrasonic wireless long range level sensors
- optional repeater/range extender for extend range and obstacle avoiding
- relay output (LW3E/D)

### FUNCTIONS

- display liquid volume in %
- Hi and Lo level optical alarm
- sound alarm (LW3E/D)
- linearization for round tanks

### APPLICATIONS

- rain water level monitoring
- other liquid level monitoring



NAVIS

**COMPATIBLE SENSORS**



SC10 - CAPACITIVE  
LEVEL SENSOR



SC10/R - CAPACITIVE  
LEVEL SENSOR



SU11 - 6/4" ULTRASONIC  
LEVEL SENSOR



SU12 - 2" ULTRASONIC  
LEVEL SENSOR

**ORDERING**

**Display unit**

- **LW 3B/D** - display unit, battery powered
- **LW 3E/D** - display unit, external powered, with relay, external antenna and sound alarm

**Sets, with sensor included**

- **LW 3B/SC10** - LW 3B/D with SC10 sensor
- **LW 3E/SC10** - LW 3E/D with SC10 sensor

**OPTIONAL ACCESSORIES**

- **LRP 011-1** Repeater



**TECHNICAL DATA**

|                               |   |
|-------------------------------|---|
| Volume units:                 | % , 12 segment graph  |
| Alarms:                       | low level, high level   |
| Sound alarm (only at LW3E/D): | 83 dB/10cm  |
| Display refresh rate:         | every 5 seconds   |
| Display resolution:           | 1%  |
| Temperature operating range:  | -20 ... +50 ° C   |
| Frequency band:               | 868 MHz   |
| Antenna:                      | type LW3B/D integrated antenna<br>type LW3E/D external antenna, 50 Ohm, SMA connector             |
| Range:                        | type LW3B/D up to 300 m visible distance<br>type LW3E/D up to 500 m visible distance              |
| Power supply:                 | type LW3B/D battery 2 x 1.5 V AA Mignon (not included)<br>type LW3E/D external adapter (enclosed) |
| Battery life:                 | type LW3B/D up to 12 months   |
| Relay (only at LW3E/D):       | 1 x Hi/Lo alarm or pump relay, contact 1 A / 24 V   |
| Housing:                      | 89 x 74 x 41 mm, ABS, IP67  |