

# WATERBOX

“Wireless” meter reading and pressure monitoring using battery and cellular technology



- **Optimal reception** through external antenna and use of **WIKON-connect SIM card**

Maximum transmission reliability using SMS

- **Waterproof casing** with sealing compound

High-performance battery - up to 7 years endurance

Direct connection to the meter and pressure sensor

- **IP68 Rotation lock - for safe and watertight connection of meters and pressure probes**

Complete solution: Internet-Based DataCenter with interface to billing systems

Integrated data logger with time synchronization

- meter values - hourly
- analogue values in 15 min. intervals

Now available with pressure probe 4..20 mA; 0..25 bar

Waterbox can be connected quickly and safely with water meters over the IP68 screw cap. Subsequently, the Plug'n'Play installation is completed with the attachment of the plant inside a manhole. All limits and settings can be changed at any time through a web portal. Once a day the hourly values of the previous 24 hours will be transmitted to the DataCenter and processed there.

Pipe bursts and leakage will be reported immediately on detection and can be forwarded independently via SMS or email.

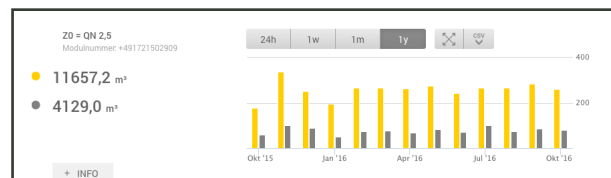
Get in Touch

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## Features

- ◆ Internal real-time clock
- ◆ Internal self-monitoring (GSM level, battery voltage)
- ◆ **Waterbox-amzz:**
  - 1 Analogue input (4..20 mA) • 1 Alarm contact
  - 2 Pulse counters
- ◆ **Waterbox-azzz:**
  - 1 Analogue input (4..20 mA) • 3 Pulse counters
- ◆ **Waterbox-zzmm:** • 2 Pulse counters • 2 Alarm counters
- ◆ **Waterbox-zzzz:** • 4 Pulse counters
- ◆ **Waterbox-MBmm:** • 2 MiniBus input • 2 Pulse counters
- ◆ **Waterbox-LBmm:** • 2 LightBus input • 2 Pulse counters
- ◆ Meter readout and analysis of data by using the app (see picture)
- ◆ No manual readout by an employee on site required



## Technical Data

- ◆ Field of application: Remote meter reading and pressure monitoring
- ◆ Weight: approx. 800g
- ◆ Mounting: wall mounting
- ◆ Dimensions: 120x80x55 mm (LxWxH)
- ◆ Safety class: max. IP68
- ◆ Temperature range: -20°C up to +50°C
- ◆ Energy consumption: Lithium battery 3.6V  
Standby approx. 0,04 mA  
Active: approx. 30 mA  
Transmission: max. 250 mA
- ◆ Modem: integriert quad-band GSM-Modem

## Any questions?

- ◆ Do not hesitate to contact us directly
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