



Reliable

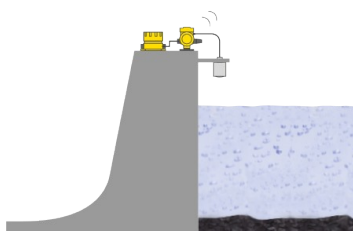
Reliable measurement even under harsh weather conditions

Cost effective

Maintenance-free operation

User friendly

Simple installation and setup



Water supply dam

Level measurement at the dam

To operate drinking water storage reliably, precise information about the water level of the inflow as well as the dam itself is required. The level of water in the dam can be continuously monitored by a hydrostatic level measurement. Since infrastructure at these remote sites at the dam wall, is often lacking, wireless mobile data transmission units are often used for sending the measured values.

[More details](#)



VEGAPULS C 23

Non-contact reservoir level measurement with radar

- Materials approved for drinking water ensure a long service life
- Maintenance-free operation with long-range, focused radar technology
- Reliable measurement regardless of weather conditions

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PLICSMOBILE T81

External wireless transmission unit for HART sensors

- Transmission of measured values over long distances via mobile data network
- Integrated power management for optimal battery life
- User-friendly remote diagnosis and maintenance

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PLICSMOBILE B81

Battery or accumulator powered external radio unit

- Cost-effective solution for autonomous operation of PLICSMOBILE T81 via battery or accumulator
- Easy handling through use of commercially available batteries or type D accumulators
- Compact, robust housing ensures reliable use in the field

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VEGAPULS C 23[Show Product](#)**Measuring range - Distance**

30 m

Process temperature

-40 ... 80 °C

Process pressure

-1 ... 3 bar

Accuracy

± 2 mm

Frequency

80 GHz

Beam angle

4°

Materials, wetted parts

PVDF

Threaded connection

G1, 1 NPT, R1

Protection rating

IP66/IP68 (3 bar), Type 6P

Output

4 ... 20 mA/HART

Modbus

SDI-12

PLICSMOBILE T81[Show Product](#)**Housing material**

Plastic

Aluminium

Stainless steel (precision casting)

Protection rating

IP66

Input

up to 15 HART-capable sensors

up to 5 sensors with Ex applications (with transmitter power supply and passive)

PLICSMOBILE B81[Show Product](#)**Housing material**

Aluminium

Protection rating

IP68 (0,2 bar)