



Reliable

Reliable monitoring of the river level

Cost effective

Simple mounting and signal transmission

User friendly

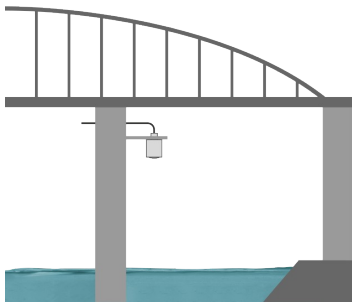
Wireless transmission of the measured value

Gauging station

River level measurement

Precise monitoring of the river level is an important requirement for sustainable extraction of river water for use as drinking water. The measurement sites are often in exposed locations and sensors are subjected to all weathers and surface conditions.

[More details](#)



VEGAPULS C 23

Radar sensor for level measurement outdoors

- Maintenance-free 80 GHz non-contact radar sensor technology
- Sensor reliability and accuracy unaffected by weather conditions
- Secure wireless operation via Bluetooth with smartphone, tablet or PC
- No stilling or sounding tubes are needed

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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