



Reliable

Reliable monitoring of river levels

Cost effective

Simple installation and signal transmission

User friendly

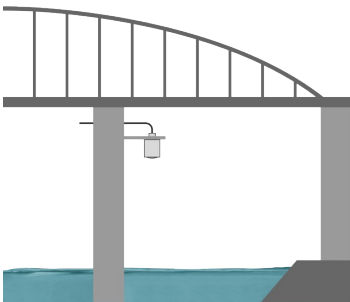
Wireless transmission of measured values

Gauge station

River level measurement

Accurate monitoring of the river level is an important prerequisite to be able to react quickly and correctly in the event of a flood. Data recording and transmission via radio link is the optimal solution for getting level information on rivers in remote areas without power.

[More details](#)



VEGAPULS C 23

Radar sensor for gauge measurement

- Maintenance-free operation through non-contact 80 GHz radar technology
- Highly resistant materials ensure a long service life and maintenance-free operation
- Secure wireless operation via Bluetooth with smartphone, tablet or PC

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Mounting accessories

Mounting bracket with adjustable sensor adaptor

- Adjustable sensor mounting bracket allows easy installation and alignment of sensors
- Weatherproof and robust with 316L stainless steel construction

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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

Mounting accessories
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Materials, wetted parts
316L