



Gauging station

- Reliable
- Reliable monitoring of the river level
- Cost effective
- Simple mounting and signal transmission
- User friendly
- Wireless transmission of the measured value

River level measurement

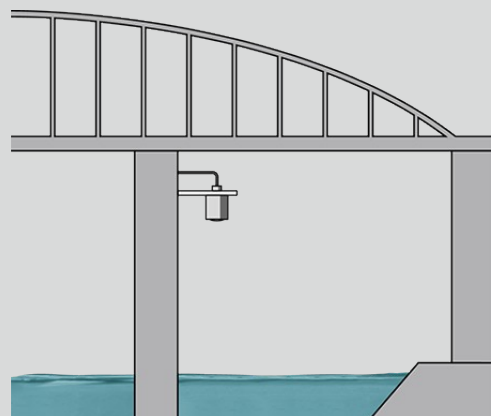
Precise monitoring of the river level is an important requirement for sustainable extraction of river water for use as drinking water. The measurement sites are often in exposed locations and sensors are subjected to all weathers and surface conditions.



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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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