



#### Reliable

High supply reliability through dependable measurement

#### Cost effective

Maintenance-free operation

#### User friendly

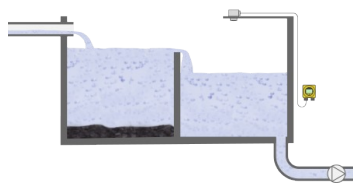
Wireless parameterization via Bluetooth communication

## Water source

### Level measurement at the water source

Spring water originates from surface water, which passes down through layers of porous rock on its way down into the earth. It then flows horizontally along a layer of clay or rock and thus forms a spring. To obtain drinking water, the spring is impounded in some type of structure and protected against contamination. The spring water flows into a settling pond and then into a reservoir. A reliable level measurement is critical in ensuring a sufficient supply of drinking water.

[More details](#)



### VEGAPULS C 21

Non-contact level measurement with radar at the water source

- Reliable, water proof and unaffected by condensation
- Maintenance-free operation through non-contact measurement
- Simple installation with additional mounting accessories

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### VEGADIS 82

External display and adjustment unit for 4 ... 20 mA/HART sensors

- Measured value display can be connected anywhere to the supply cable of the sensor.
- Easy-to-read display with plain text and graphics
- Simple operation via four keys and clearly structured menu

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**VEGAPULS C 21**  
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**Measuring range - Distance**  
20 m

**Process temperature**  
-40 ... 80 °C

**Process pressure**  
-1 ... 3 bar

**Accuracy**  
± 2 mm

**Frequency**  
80 GHz

**Beam angle**  
8°

**Materials, wetted parts**  
PVDF

**Threaded connection**  
G1½ / G1, 1½ NPT / 1 NPT, R1½ / R1

**Seal material**  
FKM

**Protection rating**  
IP66/IP68 (3 bar), Type 6P

**VEGADIS 82**  
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**Housing material**  
Plastic  
Aluminium  
Stainless steel (precision casting)

**Protection rating**  
IP66/IP67

**Ambient temperature**  
-20 ... 70 °C

**Signal input (specify)**  
4 ... 20 mA/HART