



#### Reliable

Reliable measurement despite strong foam generation

#### Cost effective

Simple mounting and reliable readings

#### User friendly

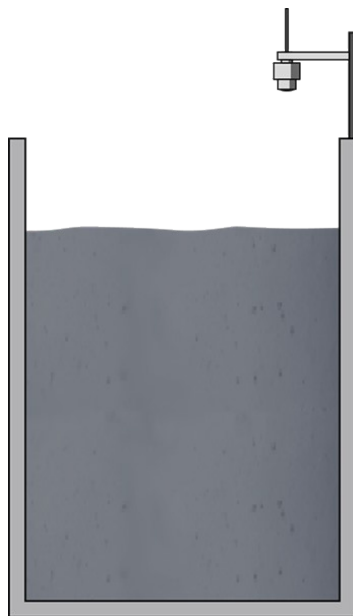
Maintenance-free and universally applicable

## Wastewater basin

### Level measurement in the wastewater basin

The wastewater created in the power plant is collected in a basin and fed into a treatment system. This is where wastewater from the chemical treatment, the slag cooling, the sanitary facilities as well as surface water and oil contaminated fluids are neutralised and treated. Immersion proof sensors are needed to measure the levels of these large amounts of water in the basins reliably and accurately.

[More details](#)



### VEGAPULS C 21

Thanks to its encapsulated housing design, the radar instrument measures the level reliably in all weathers and surface conditions, even if submerged

- Precise measuring results, even with strong foam generation
- Maintenance-free, non-contact measurement and high protection IP 68
- Reliable measuring results despite changing environmental conditions

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**VEGAPULS C 21**[Show Product](#)**Measuring range - Distance**

15 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