



Mixing and equalization ponds

Reliable

Reliable measurement of the level

Cost effective

Simple installation and setup

User friendly

Maintenance-free operation

Flow equalisation basin Water level measurement

These open pools even out peak loads and strong volume fluctuations. During periods of decreased load, the wastewater is pumped from the buffer pool into downstream biological treatment basins. A level sensor monitors and controls the pumps and cleaning units in the buffer pool.

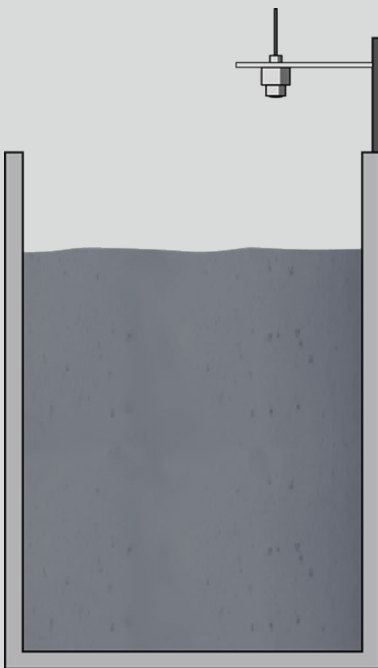
[More details](#)

VEGAPULS C 21

Non-contact level measurement with radar in the mixing and equalizing tank

- Maintenance-free measurement for control of pumps and cleaning units
- Highly corrosion resistant materials ensure a long service life
- Secure, user-friendly wireless operation via Bluetooth with smartphone, tablet or PC

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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