



Reliable

Reliable content measurement under all operating conditions

Cost effective

Simple installation in existing facilities

User friendly

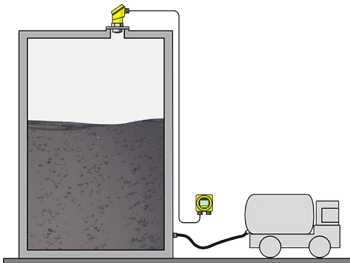
Maintenance-free operation even when heavily soiled

Sludge receiving station

Sludge receiving station Level measurement

Sewage sludge from small decentralized sewage treatment plants or sewer cleaning operations is delivered in special vehicles. It is collected in a receiving tank and then gradually fed into the main sewage treatment plant for processing. Continuous level measurement determines the content of the receiving tank and controls the input to the plant.

[More details](#)



VEGAPULS 21

Non-contact level measurement with radar for monitoring the level in the sewage sludge reception area

- High plant availability thanks to wear and maintenance free measurement
- Build-up resistant sensor design prolongs operational service life
- Secure wireless operation via Bluetooth with smartphone, tablet or PC

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VEGADIS 82

Sensor power supply, measurement data processing and display

- Simple regulation and control of level and pressure measuring instruments
- Analogue and digital outputs for connection to process control systems
- Easy to read measured value display

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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, 1½ NPT, R1½

Seal material

FKM

Housing material

Plastic

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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