



#### Reliable

Reliable content measurement in the sludge thickening tank

#### Cost effective

Non-contact measurement ensures maintenance-free operation

#### User friendly

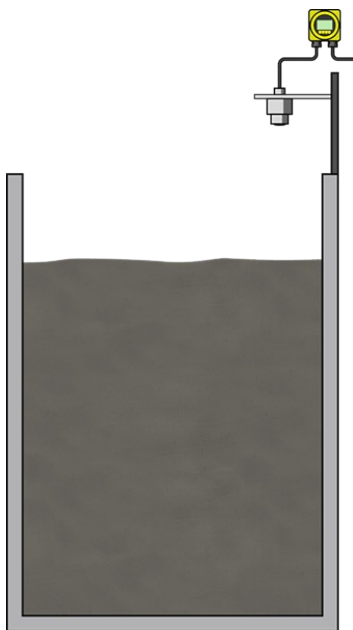
Simple installation and setup

## Sludge thickening tank

### Level measurement in a sludge concentration tank

Before the sludge enters the digestion tower, it is stored in large vessels. During storage, the sludge is dewatered and thickened sometimes scrapers and agitators are used to accelerate the process.

[More details](#)



#### VEGADIS 82

External measured value display in field housing

- Easy-to-read display with plain text and graphics
- Robust housing designed for the harsh conditions in the field

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#### VEGAPULS C 21

Continuous level measurement with radar for contents measurement in the receiving container

- Maintenance-free operation through non-contact 80 GHz radar technology
- Exact measuring results independent of product, process and ambient conditions
- High resistance materials ensure a long service life
- Secure wireless operation via Bluetooth with smartphone, tablet or PC

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BASIC

**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

**VEGAPULS C 21**  
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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