



Reliable

Trouble-free operation of the fermenter with technology

Cost effective

Long service life ensured through non-contact measuring method

User friendly

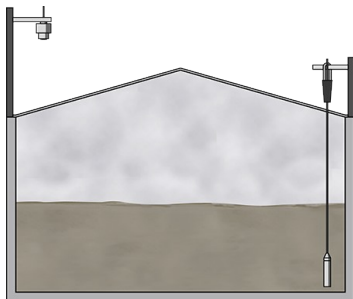
Easy installation and retrofit, through external vessel mounting

Compact slurry tanks in biogas plants

Level measurement in energy production from waste

Biogas plants convert a mixture of organic waste and renewable raw materials into valuable energy through fermentation using a largely CO₂ neutral process. Optimal consumption of the resources and maintenance-free operation require the use of highly reliable measurement technology. In all production steps – from the delivery of raw materials and waste to the removal of residues – the levels must be closely and accurately monitored.

[More details](#)



VEGAPULS C 21

Non-contact level measurement with radar in the slurry tank of a biogas plant.

- Radar measurement is completely independent of ambient conditions
- Non-contact measurement allows maintenance-free operation
- Simple mounting reduces installation costs

[Show Product](#)



VEGAWELL 52

Hydrostatic level measurement with submersible pressure transmitter

- High durability ensures long service life
- Hydrostatic measurement independent of surface foam
- Simple setup and commissioning reduces costs

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BASIC

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

PRO

VEGAWELL 52

[Show Product](#)**Measuring range - Pressure**

0 ... 60 bar

Process temperature

-20 ... 80 °C

Process pressure

-

Accuracy

0.1 %

Materials, wetted parts

PVDF

316L

Duplex (1.4462)

FEP

PE

1.4301

Titanium

Seal material

EPDM

FKM

FFKM

Protection rating

IP66/IP67

IP68

Output

4 ... 20 mA

Two-wire: 4 ... 20 mA/HART

Ambient temperature

-40 ... 80 °C