

Reliable

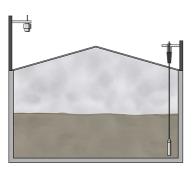
Trouble-free operation of the fermenter with technology

Cost effective

Long service life ensured through non-contact measuring method

User friendly

Easy installation and retrofit, through external vessel mounting





Level measurement in energy production from waste

Compact slurry tanks in biogas plants

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

Show Product



BASIC	PRO
VEGAPULS C 21 Show Product	VEGAWELL 52 Show Product
Measuring range - Distance	Measuring range - Pressure
15 m	0 60 bar
Process temperature	Process temperature
-40 80 °C	-20 80 °C
Process pressure	Process pressure
Accuracy ± 2 mm	Accuracy 0.1 %
Frequency 80 GHz	Materials, wetted parts PVDF
Beam angle 8°	316L Duplex (1.4462) FEP
Materials, wetted parts PVDF	PE 1.4301 Titanium
Threaded connection G1½/G1, 1½ NPT / 1 NPT, R1½/R1	Seal material EPDM
Seal material FKM	FKM FFKM
Protection rating IP66/IP68 (3 bar), Type 6P	Protection rating IP66/IP67 IP68
	Output 4 20 mA Two-wire: 4 20 mA/HART
	Ambient temperature

-40 ... 80 °C

