

Reliable

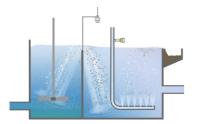
Reliable measured values guarantee optimal plant operation

Cost effective

Efficient removal of suspended solids through reliable measurement

User friendly

Maintenance-free operation



Flotation

Level and pressure measurement in the flotation process

To filter suspended matter out of the water, precipitants are added to the water. When small air bubbles are injected into the liquid, suspended matter is bound to the rising bubbles and drawn off at the water surface. In order to achieve the best possible bubble formation, the pressure in the air supply is regulated to stay within narrow limits. Reliable and accurate level measurement is necessary to achieve efficient removal of the suspended matter.

More details



VEGABAR 38

Pressure sensor for pressure measurement in the bubbler line

- High accuracy without long-term drift
- 360° status display for quick and easy recognition of switching status
- Simple and fast setup

Show Product

VEGAPULS C 21

Radar sensor for non-contact level measurement in flotation

- · Exact measuring results unaffected by ambient conditions
- High plant availability thanks to wear and maintenance free measurement
- Reliable level measurement for precise control of the water supply

Show Product



BASIC	BASIC
VEGABAR 38 Show Product	VEGAPULS C 21 Show Product
leasuring range - Pressure I 60 bar	Measuring range - Distance
ocess temperature) 130 °C	Process temperature -40 80 °C
Accuracy .3 %	Process pressure -1 3 bar
laterials, wetted parts VDF	Accuracy ± 2 mm
316L Duplex (1.4462) Ceramic	Frequency 80 GHz
'hreaded connection .G½, ≥ ½ NPT	Beam angle 8°
Hygenic fittings Clamp ≥ 2", DN50 - DIN32676, ISO2852 Clamp ≥ 1" - DIN32676, ISO2852 Clamp ≥ 1½" - DIN32676, ISO2852 Slotted nut ≥ 1½", ≥ DN40 - DIN 11851 Slotted nut ≥ DN25 - DIN 11851 SMS DN38 Hygienic fittings ≥ DN25 - DIN11864-1-A Hygienic fittings ≥ DN40 - DIN11864-1-A Varivent N50-40 SMS DN25	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
Ingold connection PN10 Varivent F25	
Seal material EPDM FKM	
FFKM Housing material	
Plastic	
Protection rating IP66/IP67 IP65	
Dutput ↓ 20 mA Three-wire (PNP/NPN, 4 20 mA) O-Link	



