



Reliable

Reliable measurement without capillaries, impulse lines or mechanical parts

Cost effective

High process efficiency thanks to optimum foam level

User friendly

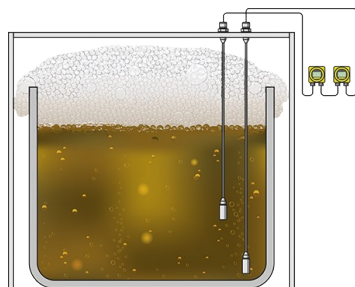
Low-maintenance, wear-free operation with ceramic measuring cells

Froth flotation cell

Density-compensated level measurement in flotation cells

To work efficiently, flotation cells depend on continuous froth formation. If the froth layer is too thin, it cannot transport the sufficient amount of dispersed or suspended particles to the surface. On the other hand, froth that is too thick indicates that the reaction time of the chemicals is too long. This has the consequence that too little of the medium gets processed. A density-compensated level measurement is the reliable solution in this process: this ensures that the density of the liquid remains constant and optimizes the process yields over a long period.

[More details](#)



VEGABAR 86

Electronic differential pressure measurement for density-compensated level measurement

- Reliable measurement for maximization of flotation efficiency
- Abrasion resistant thanks to CERTEC® ceramic measuring cell
- Measures density, level and temperature simultaneously

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Measuring range - Pressure
 0 ... 25 bar

Process temperature
 -20 ... 100 °C

Process pressure
 0 ... 25 bar

Accuracy
 0.1 %

Materials, wetted parts
 PVDF
 316L
 FEP
 PE
 PUR

Threaded connection
 $\geq G1\frac{1}{2}$, $\geq 1\frac{1}{2}$ NPT

Flange connection
 $\geq DN 40$, $\geq 2"$

Seal material
 EPDM
 FKM
 FFKM

Housing material
 Plastic
 Aluminium
 Stainless steel (precision casting)
 Stainless steel (electropolished)

Protection rating
 IP66/IP68 (0,2 bar)
 IP66/IP67
 IP66/IP68 (1 bar)
 IP66/IP68 (25 bar)
 IP69K