



Froth flotation cell

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

Density-compensated level measurement in flotation cells

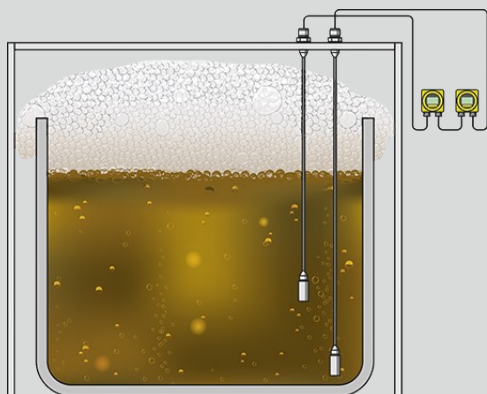
To work efficiently, flotation cells depend on continuous froth formation. If the froth layer is too thin, it cannot transport the sufficient amount of dispersed or suspended particles to the surface. On the other hand, froth that is too thick indicates that the reaction time of the chemicals is too 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.



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





VEGABAR 86

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

≥ G1½, ≥ 1½ NPT

Flange connection

≥ DN 40, ≥ 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