



Pressure screen

Reliable

Reliable measurement despite strong vibration

Cost effective

High abrasion resistance guarantees long operation

User friendly

Self-cleaning and maintenance-free thanks to front-flush mounting

Pressure measurement in the pressure screen

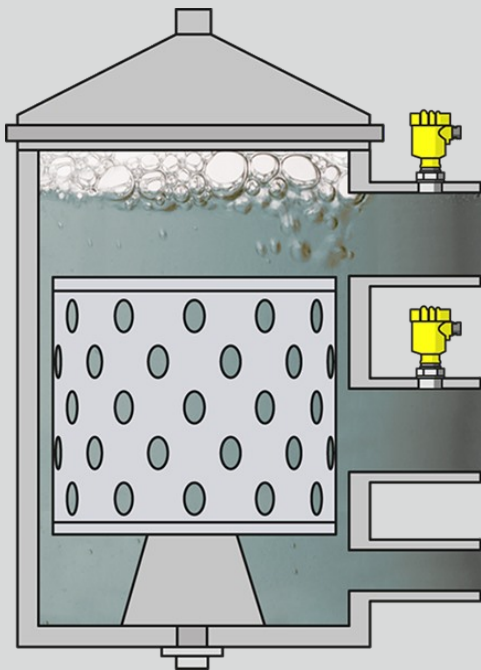
Pressure screens are used to filter out impurities and separate fibres in stock preparation. A rotating screen basket inside the filter does the actual filtering. Pressure screens have an inlet for the suspension, an outlet for accepted stock and a discharge for rejected stock and contaminants. The process conditions are characterized by pressure surges as well as abrasion and contaminants in the stock. Efficient screening requires a controlled pressure difference between inlet and outlet, which therefore requires continuous, reliable measurement.



VEGABAR 82

Pressure transmitter for pressure measurement in the pressure screen

- Front-flush installation with self-cleaning effect
- High abrasion resistant ceramic for a long service life
- Highly resistant to overload from pressure surges





VEGABAR 82

Measuring range - Distance

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Measuring range - Pressure

-1 ... 100 bar

Process temperature

-40 ... 150 °C

Process pressure

-1 ... 100 bar

Accuracy

0.05 %

Materials, wetted parts

PVDF

316L

Alloy C22 (2.4602)

PP

1.4057

1.4410

Alloy C276 (2.4819)

Duplex (1.4462)

Titanium Grade 2 (3.7035)

Threaded connection

≥ G½, ≥ ½ NPT

Flange connection

≥ DN15, ≥ ½"

Hygienic fittings

Clamp ≥ 1" - DIN32676, ISO2852

Slotted nut ≥ DN25 - DIN 11851

hygienic fitting with tension flange DN32

hygienic fitting F40 with compression nut

DRD connection ø 65 mm

SMS 1145 DN51

SMS DN38

Swagelok VCR screwing

Varivent G125

Varivent N50-40

for NEUMO BioControl D50 PN16 / 316L

Seal material

EPDM

FKM

FFKM