Reliable

High operational reliability, even with abrasive contaminants in the process medium, due to ceramic measuring cell

Cost effective

Operating the cleaner at the optimal operating point

User friendly

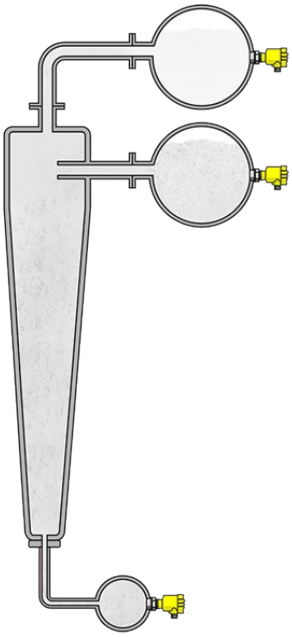
Minimal servicing thanks to maintenance-free measurement

Cleaner

Pressure measurement in the cleaner

Cleaners remove contaminating materials that are specifically heavier than fibres. In waste paper processing, these contaminants are, for example, sand, glass, stones or staples. The feed through the inlet is tangential in order to set the flow of material in rotation. The heavier particles migrate outwards due to the centrifugal forces and are precipitated downwards, while the lighter fibres in the middle of the vortex rise upwards and are passed on as accepted material. Pressure measurements in the inlet, outlet and overflow are required to regulate the process and ensure that it stays at the optimal operating point.

More details



VEGABAR 82

Pressure transmitter for pressure measurement in the cleaner

- Front-flush installation in the pipeline
- Robust ceramic diaphragm for long-term use
- Reliable measurement for regulating the process to the optimal operating point

Show Product

PRO

VEGABAR 82

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Measuring range - Distance

-

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"

Hygenic 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