Reliable

High operational availability through reliable measurement, even with high pulp densities

Cost effective

Maximum utilization of the vat volume

User friendly

Service-friendly thanks to easy access to the measuring system

Dump chest

Level measurement in the dump chest

The fibre suspension created in the pulper is first drawn off into a dump chest. There it is temporarily stored for the further stages of the stock preparation process. Typical process challenges in the dump chest are fast filling from above and high stock densities. A slow-running lateral agitator ensures a homogeneous, pumpable consistency of the fibres in suspension. Level measurement in the dump chest determines when it is filled to capacity and ready for emptying and the next process step. The measurement is carried out hydrostatically via a side-mounted pressure transmitter with a ball valve fitting. This allows removal for maintenance or cleaning purposes, even when the dump chest is full.

More details

VEGABAR 82

Hydrostatic level measurement in the dump chest

- Reliable measurement even during fast filling
- Robust ceramic diaphragm for long-term use
- High measurement accuracy, even with small measuring ranges

Show Product

PRO

VEGABAR 82

Show Product

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