



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

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VEGABAR 82

[Show Product](#)**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