



#### 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](#)

## 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**≥ G $\frac{1}{4}$ , ≥  $\frac{1}{4}$  NPT**Flange connection**≥ DN15, ≥  $\frac{1}{2}$ "**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