



### Reliable

Reliable measurement despite steam and changing stock temperatures and densities

### Cost effective

Optimal utilization of the container volume

### User friendly

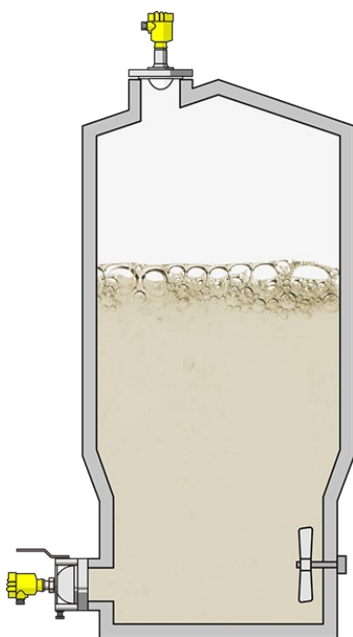
Simple installation and setup

## Storage towers

### Level measurement in storage towers

Large quantities of prepared stock are needed to keep a paper mill running continuously. This material is stored in high storage towers. They are characterised by their large material throughput and agitators that ensure the homogeneity of the stock. Inside, the warm stock generates lots of steam and the pumping and stirring processes make the surface very turbulent. Reliable level measurement ensures a continuous supply of stock and prevents the agitator from running dry.

[More details](#)



### VEGABAR 82

Hydrostatic level measurement as dry run protection for the agitator

- Front-flush installation in ball valve fitting
- Installation and removal without emptying storage tower
- Long-term stability thanks to dry measuring cell

[Show Product](#)



### VEGAPULS 6X

Level measurement with radar in storage towers

- Non-contact, maintenance-free level measurement
- Reliable measurement, unaffected by steam
- Very good beam focusing enables exact measurement, even with heavy deposits on the silo walls

[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"

**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

PRO

**VEGAPULS 6X**  
[Show Product](#)

**Measuring range - Distance**

120 m

**Process temperature**

-196 ... 450 °C

**Process pressure**

-1 ... 160 bar

**Accuracy**

± 1 mm

**Frequency**

6 GHz  
 26 GHz  
 80 GHz

**Beam angle**

≥ 3°

**Materials, wetted parts**

PTFE  
 PVDF  
 316L  
 PP  
 PEEK

**Threaded connection**

≥ G¾, ≥ ¾ NPT

**Flange connection**

≥ DN20, ≥ ¾"

**Hygienic fittings**

Clamp ≥ 1½" - DIN32676, ISO2852  
 Slotted nut ≥ 2", DN50 - DIN 11851  
 Varivent ≥ DN25  
 hygienic fitting with tension flange DN32  
 hygienic fitting F40 with compression nut  
 Hygienic screw connections ≥ DN50 tube ø53 -  
 DIN11864-1-A  
 Hygienic flange connection ≥ DN50 DIN11864-2  
 Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-  
 3-A  
 DRD connection ø 65 mm  
 SMS 1145 DN51