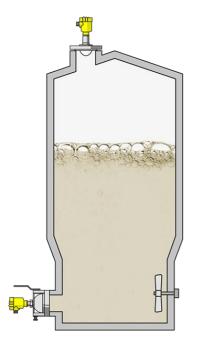


#### Reliable

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	PRO
VEGABAR 82 Show Product	VEGAPULS 6X Show Product
Measuring range - Distance -	Measuring range - Distance 120 m
Measuring range - Pressure -1 100 bar	Process temperature -196 450 °C
Process temperature -40 150 °C	Process pressure -1 160 bar
Process pressure -1 100 bar	Accuracy ± 1 mm
Accuracy 0.05 % Materials, wetted parts	Frequency 6 GHz 26 GHz 80 GHz
PVDF 316L Alloy C22 (2.4602) PP	Beam angle ≥ 3°
1.4057 1.4410 Alloy C276 (2.4819) Duplex (1.4462) Titanium Grade 2 (3.7035)	Materials, wetted parts PTFE PVDF 316L PP PEEK
Threaded connection   ≥ G½, ≥½ NPT	Threaded connection ≥ G¾, ≥ ¾ NPT
Flange connection ≥ DN15, ≥ ½"	Flange connection ≥ DN20, ≥ ¾"
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	Hygenic fittingsClamp $\geq 11/2"$ - DIN32676, ISO2852Slotted nut $\geq 2"$ , DN50 - DIN 11851Varivent $\geq$ DN25hygienic fitting with tension flange DN32hygienic fitting F40 with compression nutHygienic screw connections $\geq$ DN50 tube ø53 -DIN11864-1-AHygienic flange connection $\geq$ DN50 DIN11864-2Hygienic clamp connection $\geq$ DN50 pipe Ø53 - DIN11864-3-ADRD connection ø 65 mmSMS 1145 DN51
EPDM FKM FFKM	

