

Reliable

Reliable filling with overflow protection and leak sensors

Cost effective

Maximum utilization of the container volume thanks to continuous level measurement

User friendly

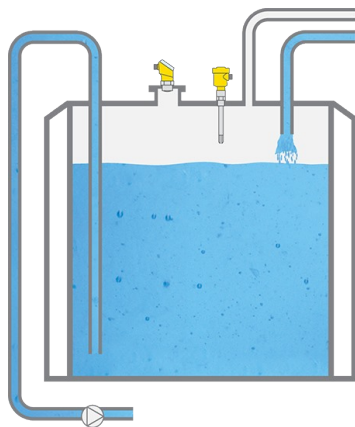
Direct reading of the measured value at the additive station

Storage tank for wet strength agent

Level measurement and point level detection in the storage tank for wet strength agent

Wet strength agents are polymeric additives that increase the water resistance particularly of hygienic and specialty papers. These are applied in the paper machine via a size press or spraying device. Because of their high pH value, these substances are stored in double-walled GRP (glass reinforced plastic) tanks. For safety and operational reasons, multiple level measurements are needed in these tanks.

[More details](#)



VEGAPULS 31

Level measurement with radar in the wet-strength agent storage tank

- Exact measurement, unaffected by temperature and medium composition
- High measuring accuracy even at low filling levels
- Maintenance free, thanks to a non-contact level measurement

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VEGASWING 63

Vibrating level switch as overflow protection in the storage tank

- Simple function test via keystroke
- WHG-approved instrument provides legal certainty

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Measuring range - Distance 20 m	Process temperature -50 ... 250 °C
Process temperature -40 ... 80 °C	Process pressure -1 ... 64 bar
Process pressure -1 ... 3 bar	Version Standard Hygienic applications with gas-tight leadthrough with tube extension with temperature adapter
Accuracy ± 2 mm	Materials, wetted parts PFA 316L Alloy C22 (2.4602) Alloy 400 (2.4360) ECTFE Enamel
Frequency 80 GHz	Threaded connection ≥ G $\frac{1}{4}$, ≥ $\frac{1}{2}$ NPT
Beam angle 8°	Flange connection ≥ DN25, ≥ 1"
Materials, wetted parts PVDF	Hygienic fittings Clamp ≥ 1" - DIN32676, ISO2852 Slotted nut ≥ 1½", ≥ DN40 - DIN 11851 Varivent ≥ DN25 hygienic fitting F40 with compression nut SMS 1145 DN51 SMS DN38 Hygienic fittings ≥ DN25 - DIN11864-1-A Hygienic flange connection DIN11864-2-A; DN60(ISO)ø60,3 SMS socket piece DN38 PN6
Threaded connection G1½, 1½ NPT, R1½	Seal material no media contact
Seal material FKM	Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)
Housing material Plastic	Protection rating IP66/IP67 IP66/IP68 (1 bar) IP65