

Reliable

Reliable filling with overflow protection and leak sensors

Cost effective

Maximum utilization of the container volume thanks to continuous level measurement

User friendly

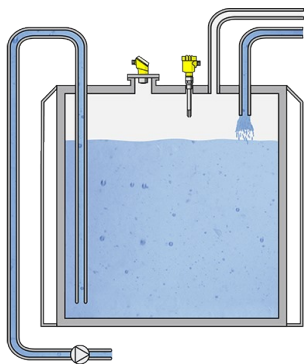
Direct reading of the measured value at the additive station

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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BASIC

PRO

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**Measuring range - Distance**

15 m

Process temperature

-40 ... 80 °C

Process pressure

-1 ... 3 bar

Accuracy

± 2 mm

Frequency

80 GHz

Beam angle

8°

Materials, wetted parts

PVDF

Threaded connection

G1½, 1½ NPT, R1½

Seal material

FKM

Housing material

Plastic

Process temperature

-50 ... 250 °C

Process pressure

-1 ... 64 bar

Version

Standard

Hygienic applications
 with gas-tight leadthrough
 with tube extension
 with temperature adapter

Materials, wetted parts

PFA
 316L
 Alloy C22 (2.4602)
 Alloy 400 (2.4360)
 ECTFE
 Enamel

Threaded connection

≥ G¾, ≥ ¾ NPT

Flange connection

≥ DN25, ≥ 1"

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

Seal material

no media contact

Housing material

Plastic
 Aluminium
 Stainless steel (precision casting)
 Stainless steel (electropolished)

Protection rating

IP66/IP67
 IP66/IP68 (1 bar)
 IP65