



Reliable

Reliable filling with overflow protection and leak sensors

Cost effective

Maximum utilization of the container volume thanks to continuous level measurement

User friendly

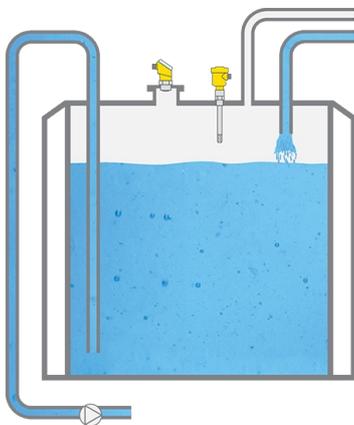
Direct reading of the measured value at the additive station

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

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Measuring range - Distance
20 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

PRO

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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