

#### Reliable

Reliable filling with overflow protection and leak sensors

#### Cost effective

Maximum utilization of the container volume thanks to continuous level measurement

#### User friendly

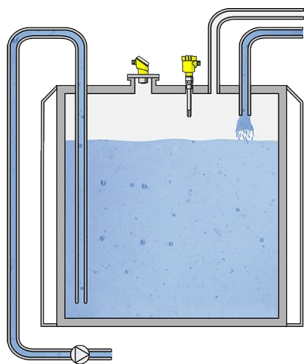
Direct reading of the measured value at the additive station

## 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

**VEGAPULS 31**  
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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

**VEGASWING 63**  
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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