



Reliable

Simple function test possible even during a running process

Cost effective

Ensures optimal supply of flocculants

User friendly

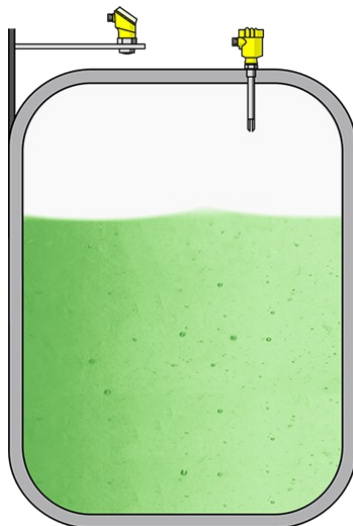
Simple calibration

Storage tank for flocculant

Level measurement and point level detection in flocculant storage tanks

The finest impurities in the water are bound together through flocculation. This allows the coagulated materials to be removed from the water by sedimentation or filtration. The flocculant required for such operation is stored in a reserve tank. A continuous level measurement ensures a sufficient supply of flocculants. The point level detection serves as overflow protection in the tank.

[More details](#)



VEGAPULS 31

Flocculant storage tank level measurement with radar

- Maintenance-free operation through non-contact measurement
- Reliable level monitoring through the vessel top, thanks to strong focusing
- Universally applicable for different flocculants

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VEGASWING 63

Point level detection with vibrating level switches for overflow protection

- Highly robust materials are resistant to aggressive media
- Fast and reliable function test by simply pressing a button
- Simple setup without adjustment

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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

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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