



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

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