



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 20 m	Process temperature -50 ... 250 °C
Process temperature -40 ... 80 °C	Process pressure -1 ... 64 bar
Process pressure -1 ... 3 bar	Version Standard Hygienic applications with gas-tight leadthrough with tube extension with temperature adapter
Accuracy ± 2 mm	Materials, wetted parts PFA 316L Alloy C22 (2.4602) Alloy 400 (2.4360) ECTFE Enamel
Frequency 80 GHz	Threaded connection ≥ G $\frac{1}{4}$, ≥ $\frac{1}{4}$ NPT
Beam angle 8°	Flange connection ≥ DN25, ≥ 1"
Materials, wetted parts PVDF	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
Threaded connection G1½, 1½ NPT, R1½	Seal material no media contact
Seal material FKM	Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)
Housing material Plastic	Protection rating IP66/IP67 IP66/IP68 (1 bar) IP65