



#### 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

**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

## PRO

**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