



#### Reliable

High operational reliability through the use of chemically resistant materials

#### Cost effective

Optimal storage through reliable measurement

#### User friendly

Simple setup and commissioning

## Storage tanks for additives

### Level measurement and point level detection in storage tanks for additives

For many processes, additives such as sulfuric or hydrochloric acid are required. These are kept ready for use in storage tanks. Level measurement is needed here to ensure availability of the additives.

[More details](#)



#### VEGAPULS 6X

Non-contact level measurement with radar in storage tanks

- Exact measuring results, independent of media properties
- Highly corrosion resistant materials ensure a long service life
- Maintenance-free operation through non-contact measuring method

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#### VEGASWING 63

Vibrating level switch as overflow protection in storage tanks

- Product-independent switching point ensures exact detection of limit level
- Simple setup without adjustment
- Test button for easy checking of the measuring instrument during operation

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## VEGAPULS 6X

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**Measuring range - Distance**  
120 m

**Process temperature**  
-196 ... 450 °C

**Process pressure**  
-1 ... 160 bar

**Accuracy**  
± 1 mm

**Frequency**  
6 GHz  
26 GHz  
80 GHz

**Beam angle**  
≥ 3°

**Materials, wetted parts**  
PTFE  
PVDF  
316L  
PP  
PEEK

**Threaded connection**  
≥ G $\frac{3}{4}$ , ≥  $\frac{3}{4}$  NPT

**Flange connection**  
≥ DN20, ≥  $\frac{3}{4}$ "

**Hygienic fittings**  
Clamp ≥ 1 $\frac{1}{2}$ " - DIN32676, ISO2852  
Slotted nut ≥ 2", DN50 - DIN 11851  
Varivent ≥ DN25  
hygienic fitting with tension flange DN32  
hygienic fitting F40 with compression nut  
Hygienic screw connections ≥ DN50 tube ø53 - DIN11864-1-A  
Hygienic flange connection ≥ DN50 DIN11864-2  
Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-3-A  
DRD connection ø 65 mm  
SMS 1145 DN51

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**  
≥ G $\frac{3}{4}$ , ≥  $\frac{3}{4}$  NPT

**Flange connection**  
≥ DN25, ≥ 1"

**Hygienic fittings**  
Clamp ≥ 1" - DIN32676, ISO2852  
Slotted nut ≥ 1 $\frac{1}{2}$ ", ≥ 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