



#### Reliable

Redundant measurement ensures a high degree of safety

#### Cost effective

Self-monitoring reduces maintenance costs

#### User friendly

Easy installation and setup

## Finished product tanks

### Level measurement and point level detection of finished product tanks

Reliable level measurement of crude and bulk liquids storage tanks in a refinery is necessary for inventory management and overspill protection. Multiple measurement devices can fit into a single process fitting.

[More details](#)



#### VEGASWING 63

Vibrating level switch for overflow protection in finished product tanks

- High level switch provides redundancy
- Maximum flexibility through switching point adaptable to the application
- By simply pushing a button, you can meet the requirements of WHG and SIL of the periodic test
- Unaffected by media properties ensures reliable measurement

[Show Product](#)



#### VEGAPULS 6X

Level measurement with radar in end-product tanks

- Simple retrofitting, as existing process fittings can continue to be used
- Exact measuring results regardless of temperature, gas or steam
- Certified according to SIL 2 and WHG for use as overflow protection

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PRO

**VEGASWING 63**[Show Product](#)**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

PRO

**VEGAPULS 6X**[Show Product](#)**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