



#### Reliable

Configuration of the measuring system provides maximum safety for personnel and the environment

#### Cost effective

High availability and maintenance-free operation

#### User friendly

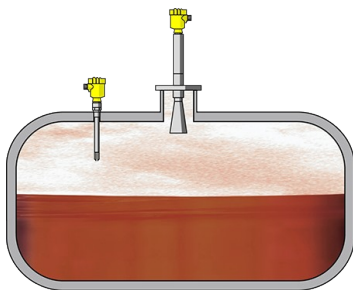
User friendly Simple installation and setup

## Storage tanks for toxic liquids

### Level measurement and point level detection in storage tanks for toxic liquids

Some processes generate toxic intermediates that have to be stored in compliance with strict safety regulations. In order to be used in this area, the measurement technology deployed must meet special safety requirements when it comes to design and functional reliability. A trustworthy level measurement is critical for the storage of these toxic materials.

[More details](#)



#### VEGAPULS 62

Continuous level measurement with radar in the storage tank for toxic media

- Maximum safety with toxic media thanks to ceramic process isolation and additional glass feedthrough
- Highly corrosion resistant materials ensure a long service life
- Maintenance-free operation of the measuring system

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#### VEGASWING 63

Vibrating level switch for point level detection in the storage tank for toxic media

- Universally applicable for almost all liquids
- Additional safety through additional glass feedthrough that ensures a further separation from the process (Second Line of Defense)
- Test button for easy checking of the measuring instrument during operation

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PRO

## VEGAPULS 62

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**Measuring range - Distance**  
35 m

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

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

**Accuracy**  
± 2 mm

**Frequency**  
26 GHz

**Beam angle**  
≥ 3°

**Version**  
for separate horn antenna  
with ½" standpipe  
with horn antenna ø 40 mm  
with horn antenna ø 48 mm  
with horn antenna ø 75 mm  
with horn antenna ø 95 mm  
with parabolic antenna ø 245 mm

**Materials, wetted parts**  
316L  
Alloy C22 (2.4602)  
1.4848  
Alloy 400 (2.4360)

**Threaded connection**  
G1½, 1½ NPT

**Flange connection**  
≥ DN50, ≥ 2"

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