



Reliable

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

Cost effective

High availability and maintenance-free operation

User friendly

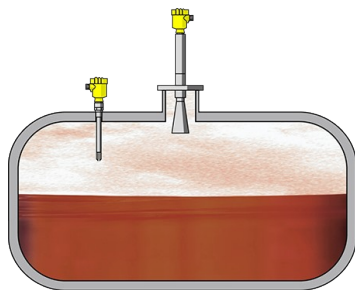
User friendly Simple installation and setup

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