



Reliable

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

Cost effective

High availability and maintenance-free operation

User friendly

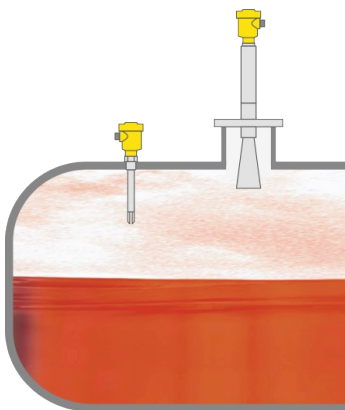
User friendly Simple installation and setup

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