

Reliable

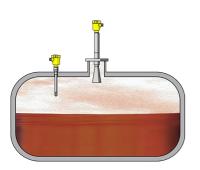
Configuration of the measuring system provides maximum safety for personnel and the environment

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





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

Show Product



VEGAPULS 62 Show Product



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 1/2" 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

G11/2, 11/2 NPT

Flange connection

≥ DN50, ≥ 2"

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

≥ G3/4, ≥ 3/4 NPT

Flange connection

≥ DN25, ≥ 1"

Hygenic fittings

Clamp ≥ 1" - DIN32676, ISO2852

Slotted nut $\geq 1\frac{1}{2}$ ", \geq 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

