

Reliable

Configuration of the measuring system ensures maximum safety for people and the environment

Cost effective

High availability and maintenance-free operation

User friendly

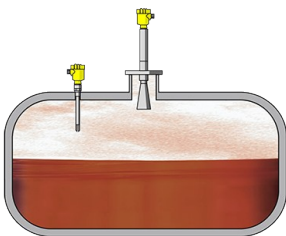
Fast installation and simple setup

Storage tanks for toxic liquids

Level measurement and point level detection in toxic liquids storage

Some chemical processes generate extremely toxic intermediates that have to be stored under the most stringent security measures. In order to be used in this application, the measurement technology must meet specific requirements in terms of design and functional reliability. A redundant sealing concept, an optional glass feedthrough (Second Line of Defense) and highly resistant materials provide the necessary security for the storage and processing of toxic media.

[More details](#)



VEGAPULS 6X

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

- Non-contact measuring principle is independent of media properties
- Maximum safety with toxic media, thanks to ceramic process separation and additional glass sealing
- Highly resistant materials ensure a long service life
- Maintenance-free operation

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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 glass seal that ensures even better separation from the process (Second Line of Defense)
- Simple setup without calibration
- Test button for easy testing of instrument functionality during operation

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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

≥ G¾, ≥ ¾ NPT

Flange connection

≥ DN20, ≥ ¾"

Hygienic fittings

Clamp ≥ 1½" - 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

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

VEGA