

Reliable

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

Cost effective

High availability and maintenance-free operation

User friendly

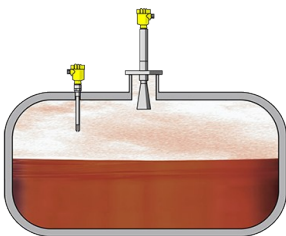
Fast installation and simple setup

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
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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