



Reliable

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

Cost effective

High availability and maintenance-free operation

User friendly

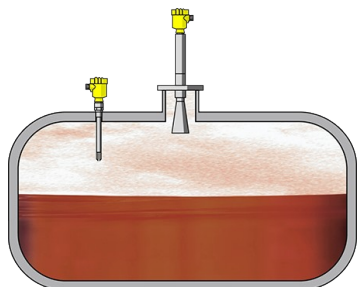
User friendly Simple installation and setup

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	PRO
VEGAPULS 62 Show Product	VEGASWING 63 Show Product
	
Measuring range - Distance 35 m	Process temperature -50 ... 250 °C
Process temperature -196 ... 450 °C	Process pressure -1 ... 64 bar
Process pressure -1 ... 160 bar	Version Standard Hygienic applications with gas-tight leadthrough with tube extension with temperature adapter
Accuracy ± 2 mm	Materials, wetted parts PFA 316L Alloy C22 (2.4602) Alloy 400 (2.4360) ECTFE Enamel
Frequency 26 GHz	Threaded connection ≥ G¾, ≥ ¾ NPT
Beam angle ≥ 3°	Flange connection ≥ DN25, ≥ 1"
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	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
Materials, wetted parts 316L Alloy C22 (2.4602) 1.4848 Alloy 400 (2.4360)	Seal material no media contact
Threaded connection G1½, 1½ NPT	Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)
Flange connection ≥ DN50, ≥ 2"	Protection rating IP66/IP67 IP66/IP68 (1 bar) IP65