



Reliable

High operational reliability through the use of chemically resistant materials

Cost effective

Optimal storage through reliable measurement

User friendly

Simple setup and commissioning

Storage tanks for additives

Level measurement and point level detection in storage tanks for additives

For many processes, additives such as sulfuric or hydrochloric acid are required. These are kept ready for use in storage tanks. Level measurement is needed here to ensure availability of the additives.

[More details](#)



VEGAPULS 6X

Non-contact level measurement with radar in storage tanks

- Exact measuring results, independent of media properties
- Highly corrosion resistant materials ensure a long service life
- Maintenance-free operation through non-contact measuring method

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VEGASWING 63

Vibrating level switch as overflow protection in storage tanks

- Product-independent switching point ensures exact detection of limit level
- Simple setup without adjustment
- Test button for easy checking of the measuring instrument during operation

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PRO	PRO
VEGAPULS 6X Show Product	VEGASWING 63 Show Product
	
Measuring range - Distance 120 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 ± 1 mm	Materials, wetted parts PFA 316L Alloy C22 (2.4602) Alloy 400 (2.4360) ECTFE Enamel
Frequency 6 GHz 26 GHz 80 GHz	Threaded connection ≥ G¾, ≥ ¾ NPT
Beam angle ≥ 3°	Flange connection ≥ DN25, ≥ 1"
Materials, wetted parts PTFE PVDF 316L PP PEEK	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
Threaded connection ≥ G¾, ≥ ¾ NPT	Seal material no media contact
Flange connection ≥ DN20, ≥ ¾"	Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)
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	Protection rating IP66/IP67 IP66/IP68 (1 bar) IP65