



Reliable

High security of supply thanks to dependable measurement data

Cost effective

Maintenance-free operation

User friendly

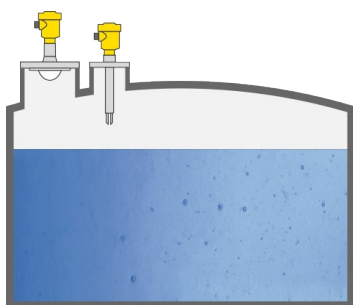
Simple mounting and setup

Water storage tanks

Level and point level measurement in water storage tanks

Water storage tanks are especially important in times of peak demand. They compensate for delivery fluctuations and enable efficient plant operation. The water storage tanks are therefore not just storage tanks, they also serve as equalising tanks. Reliable level and point level measurement are thus indispensable here.

[More details](#)



VEGASWING 63

Vibrating level switch as overfill protection in water storage tanks

- Precise point level detection thanks to adjustment-free, media-independent switching point
- Simple installation and setup

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VEGAPULS 6X

Non-contact level measurement with radar in water storage tanks

- High measurement accuracy regardless of ambient conditions
- Reliable measurement ensures continuous water supply
- Maintenance-free operation through non-contact measurement

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PRO	PRO
VEGASWING 63 Show Product	VEGAPULS 6X Show Product
	
Process temperature -50 ... 250 °C	Measuring range - Distance 120 m
Process pressure -1 ... 64 bar	Process temperature -196 ... 450 °C
Version Standard Hygienic applications with gas-tight leadthrough with tube extension with temperature adapter	Process pressure -1 ... 160 bar
Materials, wetted parts PFA 316L Alloy C22 (2.4602) Alloy 400 (2.4360) ECTFE Enamel	Accuracy ± 1 mm
Threaded connection ≥ G¾, ≥ ¾ NPT	Frequency 6 GHz 26 GHz 80 GHz
Flange connection ≥ DN25, ≥ 1"	Beam angle ≥ 3°
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 PTFE PVDF 316L PP PEEK
Seal material no media contact	Threaded connection ≥ G¾, ≥ ¾ NPT
Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)	Flange connection ≥ DN20, ≥ ¾"
Protection rating IP66/IP67 IP66/IP68 (1 bar) IP65	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