



Reliable

High security of supply thanks to dependable measurement data

Cost effective

Maintenance-free operation

User friendly

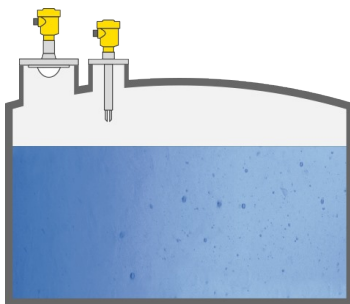
Simple mounting and setup

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 overflow 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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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
≥ G $\frac{3}{4}$, ≥ $\frac{3}{4}$ 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

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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
≥ G $\frac{3}{4}$, ≥ $\frac{3}{4}$ NPT

Flange connection
≥ DN20, ≥ $\frac{3}{4}$ "

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