



Reliable

Certified hygienic design (3A/EHEDG) and approved materials according to EC 1935/2004 and FDA

Cost effective

Three instruments deliver four different measured values: Pressure (static pressure and process pressure), level and temperature

User friendly

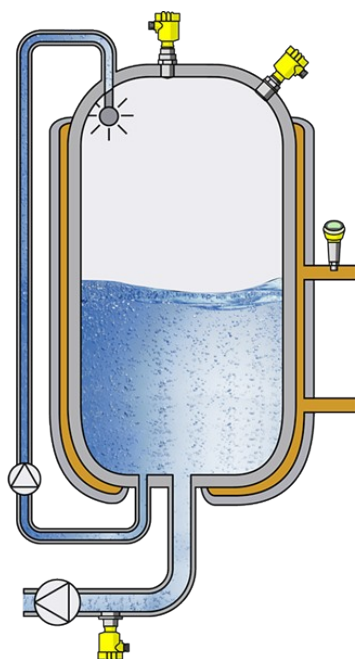
Standardized housing and adjustment concept

Storage tank for purified water

Level and pressure measurement in purified water storage tanks

Purified water is used for the CIP cleaning of the production equipment. This water is produced through filtration and distillation and then stored temporarily in tanks. Absolute sterility and cleanability are essential criteria for all device components that have direct contact to the medium. This also applies to the instruments for level and pressure measurement in the tank.

[More details](#)



VEGAPULS 64

Non-contact level measurement with radar in WFI storage tanks

- Reliable and accurate measurement even in small containers, unaffected by pressure and temperature and under all process conditions
- Flange with encapsulated antenna system enables optimum CIP and SIP cleaning and thus reliable production at the highest quality level

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VEGABAR 82

Pressure transmitter for monitoring pressure in the pipe network for water treatment

- The especially overload resistant, dry ceramic measuring cell guarantees a stable, reliable process
- Material in compliance with EC 1935/2004, only suitable, tested materials are used
- Integrated temperature sensor saves the purchase of additional temperature measuring instruments

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PRO

VEGAPULS 64
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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 ≥ 1 $\frac{1}{2}$ " - 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

VEGABAR 82
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Measuring range - Distance

-

Measuring range - Pressure

-1 ... 100 bar

Process temperature

-40 ... 150 °C

Process pressure

-1 ... 100 bar

Accuracy

0.05 %

Materials, wetted parts

PVDF

316L

Alloy C22 (2.4602)

PP

1.4057

1.4410

Alloy C276 (2.4819)

Duplex (1.4462)

Titanium Grade 2 (3.7035)

Threaded connection
≥ G $\frac{1}{2}$, ≥ $\frac{1}{2}$ NPT
Flange connection
≥ DN15, ≥ $\frac{1}{2}$ "
Hygienic fittings

Clamp ≥ 1" - DIN32676, ISO2852

Slotted nut ≥ DN25 - DIN 11851

hygienic fitting with tension flange DN32

hygienic fitting F40 with compression nut

DRD connection ø 65 mm

SMS 1145 DN51

SMS DN38

Swagelok VCR screwing

Varivent G125

Varivent N50-40

for NEUMO BioControl D50 PN16 / 316L

Seal material

EPDM

FKM

FFKM

VEGA