



## Storage tank for purified water

### Reliable

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

### Cost effective

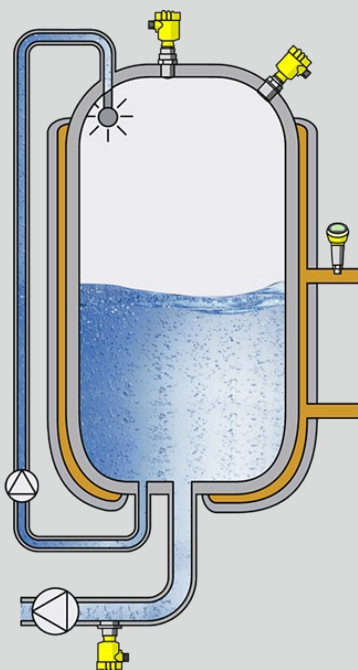
Three instruments deliver four different measured values: Pressure (static pressure and process pressure), level and temperature

### User friendly

Standardized housing and adjustment concept

### 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.



### 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



### 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



VEGAPULS 64	VEGABAR 82
<b>Measuring range - Distance</b> 30 m	<b>Measuring range - Distance</b> -
<b>Process temperature</b> -196 ... 200 °C	<b>Measuring range - Pressure</b> -1 ... 100 bar
<b>Process pressure</b> -1 ... 25 bar	<b>Process temperature</b> -40 ... 150 °C
<b>Accuracy</b> ± 1 mm	<b>Process pressure</b> -1 ... 100 bar
<b>Frequency</b> 80 GHz	<b>Accuracy</b> 0.05 %
<b>Beam angle</b> ≥ 3°	<b>Materials, wetted parts</b> PVDF 316L Alloy C22 (2.4602) PP 1.4057 1.4410 Alloy C276 (2.4819) Duplex (1.4462) Titanium Grade 2 (3.7035)
<b>Version</b> with plastic horn antenna ø 80 mm Thread with integrated horn antenna Flange with encapsulated antenna system Hygienic fitting with encapsulated antenna system	<b>Threaded connection</b> ≥ G½, ≥ ½ NPT
<b>Materials, wetted parts</b> PFA PTFE 316L Alloy C22 (2.4602) PEEK	<b>Flange connection</b> ≥ DN15, ≥ ½"
<b>Threaded connection</b> ≥ G¾, ≥ ¾ NPT	<b>Hygienic fittings</b> 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
<b>Flange connection</b> ≥ DN50, ≥ 2"	<b>Seal material</b> EPDM FKM FFKM