



### 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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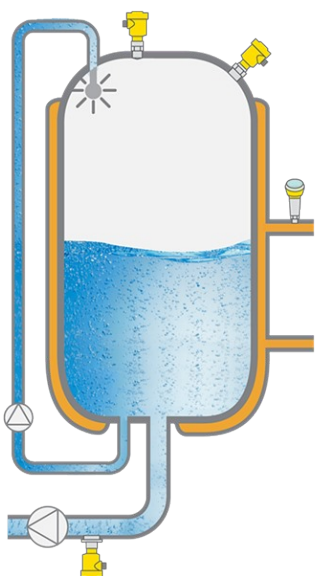





### VEGABAR 38

Pressure monitoring with IO-Link connection in the supply line of the heating medium

- Reliable measurement thanks to fast response time
- Robust ceramic CERTEC® measuring cell guarantees a long service life
- Simple operation thanks to VDMA menu structure and integrated display

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PRO	PRO	BASIC
<b>VEGAPULS 64</b> <a href="#">Show Product</a>	<b>VEGABAR 82</b> <a href="#">Show Product</a>	<b>VEGABAR 38</b> <a href="#">Show Product</a>
		
<b>Measuring range - Distance</b> 120 m	<b>Measuring range - Distance</b> -	<b>Measuring range - Pressure</b> -1 ... 60 bar
<b>Process temperature</b> -196 ... 450 °C	<b>Measuring range - Pressure</b> -1 ... 100 bar	<b>Process temperature</b> -40 ... 130 °C
<b>Process pressure</b> -1 ... 160 bar	<b>Process temperature</b> -40 ... 150 °C	<b>Accuracy</b> 0.3 %
<b>Accuracy</b> ± 1 mm	<b>Process pressure</b> -1 ... 100 bar	<b>Materials, wetted parts</b> PVDF 316L Duplex (1.4462) Ceramic
<b>Frequency</b> 6 GHz 26 GHz 80 GHz	<b>Accuracy</b> 0.05 %	<b>Threaded connection</b> ≥ G¾, ≥ ¼ NPT
<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>Hygienic fittings</b> Clamp ≥ 2", DN50 - DIN32676, ISO2852 Clamp ≥ 1" - DIN32676, ISO2852 Clamp ≥ 1½" - DIN32676, ISO2852 Slotted nut ≥ 1½", ≥ DN40 - DIN 11851 Slotted nut ≥ DN25 - DIN 11851 SMS DN38 Hygienic fittings ≥ DN25 - DIN11864-1-A Hygienic fittings ≥ DN40 - DIN11864-1-A Varivent N50-40 SMS DN25 Ingold connection PN10 Varivent F25
<b>Materials, wetted parts</b> PTFE PVDF 316L PP PEEK	<b>Threaded connection</b> ≥ G¾, ≥ ¼ NPT	<b>Seal material</b> EPDM FKM FFKM
<b>Threaded connection</b> ≥ G¾, ≥ ¼ NPT	<b>Flange connection</b> ≥ DN15, ≥ ½"	<b>Housing material</b> Plastic
<b>Flange connection</b> ≥ DN20, ≥ ¾"	<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>Protection rating</b> IP66/IP67 IP65
<b>Hygienic fittings</b> 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	<b>Seal material</b> EPDM FKM FFKM	<b>Output</b> 4 ... 20 mA Three-wire (PNP/NPN, 4 ... 20 mA) IO-Link