



#### Reliable

Certified materials according to FDA and EC 1935/2004 regulations

#### Cost effective

Maintenance-free operation

#### User friendly

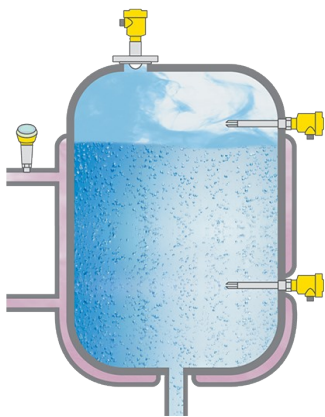
Simple installation

## Preparation tank for solvents

### Level measurement and point level detection in the solvent preparation tank

A hot caustic solution is required for fast cleaning. It is heated in the storage tank and then flushed into the production equipment. The tank is wrapped in a steam heating jacket that serves to control the temperature inside the tank. The level measuring system is used to control filling and discharge. Level detection prevents the tank from overflowing or running empty.

[More details](#)



#### VEGAPULS 64

Non-contact level measurement in the solvent preparation tank

- Strong focusing allows reliable measurement at close range and at the bottom of the tank as well as in media with low dielectric constant
- The front-flush, encapsulated antenna is easy to clean and resistant to the extreme conditions of the CIP processes
- Measurement not affected by condensate and internal fixtures

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#### VEGASWING 63

Vibrating level switch as overflow and dry run protection

- Reliable detection of the limit level, independent of medium
- Reliable function under all process conditions
- Simple setup without adjustment
- Hygienic design ensures easy, reliable CIP cleaning

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#### VEGABAR 38

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


- Accurate process control thanks to fast response time
- Robust ceramic CERTEC® measuring cell guarantees a long service life
- Simple sensor set up thanks to VDMA menu structure and integrated display

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PRO

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| <b>VEGAPULS 64</b><br><a href="#">Show Product</a>   |
|   |
| <b>Measuring range - Distance</b><br>120 m   |
| <b>Process temperature</b><br>-196 ... 450 °C  |
| <b>Process pressure</b><br>-1 ... 160 bar  |
| <b>Accuracy</b><br>± 1 mm  |
| <b>Frequency</b><br>6 GHz<br>26 GHz<br>80 GHz  |
| <b>Beam angle</b><br>≥ 3°  |
| <b>Materials, wetted parts</b><br>PTFE<br>PVDF<br>316L<br>PP<br>PEEK   |
| <b>Threaded connection</b><br>≥ G¾, ≥ ¾ NPT  |
| <b>Flange connection</b><br>≥ DN20, ≥ ¾"   |
| <b>Hygienic fittings</b><br>Clamp ≥ 1½" - DIN32676, ISO2852<br>Slotted nut ≥ 2", DN50 - DIN 11851<br>Varivent ≥ DN25<br>hygienic fitting with tension flange DN32<br>hygienic fitting F40 with compression nut<br>Hygienic screw connections ≥ DN50 tube ø53 - DIN11864-1-A<br>Hygienic flange connection ≥ DN50 DIN11864-2<br>Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-3-A<br>DRD connection ø 65 mm<br>SMS 1145 DN51 |

PRO

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| <b>VEGASWING 63</b><br><a href="#">Show Product</a>  |
|   |
| <b>Process temperature</b><br>-50 ... 250 °C   |
| <b>Process pressure</b><br>-1 ... 64 bar   |
| <b>Version</b><br>Standard<br>Hygienic applications with gas-tight leadthrough<br>with tube extension<br>with temperature adapter  |
| <b>Materials, wetted parts</b><br>PFA<br>316L<br>Alloy C22 (2.4602)<br>Alloy 400 (2.4360)<br>ECTFE<br>Enamel   |
| <b>Threaded connection</b><br>≥ G¾, ≥ ¾ NPT  |
| <b>Flange connection</b><br>≥ DN25, ≥ 1"   |
| <b>Hygienic fittings</b><br>Clamp ≥ 1" - DIN32676, ISO2852<br>Slotted nut ≥ 1½", ≥ DN40 - DIN 11851<br>Varivent ≥ DN25<br>hygienic fitting F40 with compression nut<br>SMS 1145 DN51<br>SMS DN38<br>Hygienic fittings ≥ DN25 - DIN11864-1-A<br>Hygienic flange connection DIN11864-2-A;<br>DN60(ISO)ø60,3<br>SMS socket piece DN38 PN6 |
| <b>Seal material</b><br>no media contact   |
| <b>Housing material</b><br>Plastic<br>Aluminium<br>Stainless steel (precision casting)<br>Stainless steel (electropolished)  |
| <b>Protection rating</b><br>IP66/IP67<br>IP66/IP68 (1 bar)<br>IP65   |

BASIC

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| <b>VEGABAR 38</b><br><a href="#">Show Product</a>   |
|    |
| <b>Measuring range - Pressure</b><br>-1 ... 60 bar  |
| <b>Process temperature</b><br>-40 ... 130 °C  |
| <b>Accuracy</b><br>0.3 %  |
| <b>Materials, wetted parts</b><br>PVDF<br>316L<br>Duplex (1.4462)<br>Ceramic  |
| <b>Threaded connection</b><br>≥ G¾, ≥ ¾ NPT   |
| <b>Hygienic fittings</b><br>Clamp ≥ 2", DN50 - DIN32676, ISO2852<br>Clamp ≥ 1" - DIN32676, ISO2852<br>Clamp ≥ 1½" - DIN32676, ISO2852<br>Slotted nut ≥ 1½", ≥ DN40 - DIN 11851<br>Slotted nut ≥ DN25 - DIN 11851<br>SMS DN38<br>Hygienic fittings ≥ DN25 - DIN11864-1-A<br>Hygienic fittings ≥ DN40 - DIN11864-1-A<br>Varivent N50-40<br>SMS DN25<br>Ingold connection PN10<br>Varivent F25 |
| <b>Seal material</b><br>EPDM<br>FKM<br>FFKM   |
| <b>Housing material</b><br>Plastic  |
| <b>Protection rating</b><br>IP66/IP67<br>IP65   |
| <b>Output</b><br>4 ... 20 mA<br>Three-wire (PNP/NPN, 4 ... 20 mA)<br>IO-Link  |