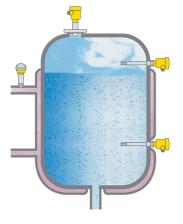


Reliable

Approved materials in compliance with FDA and EC 1935/2004

Cost effective Maintenance-free operation

User friendly Simple installation



Preparation tank for solvents

Level measurement in the preparation tank for solvents

The various solvents and intermediate carrier materials have to be first prepared before they proceed onto further production steps. This is usually carried out in bioreactors and fermentation tanks. These vessels are enclosed with a steam heating jacket to regulate the temperature inside the mixing process. The level measuring system is needed to control filling and discharge as well as monitor during the process. Level detection prevents the tank from overfilling or running empty.

More details



VEGAPULS 6X

Non-contact level measurement in the preparation tank for solvents

- 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 SIP and CIP processes.
- Measurement not affected by condensation and internal fixtures

Show Product

VEGASWING 63

Vibrating level switch as overfill 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 and reliable CIP and SIP cleaning

Show Product



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

Show Product



| PRO | PRO | BASIC |
|---|--|---|
| VEGAPULS 6X Show Product | VEGASWING 63 Show Product | VEGABAR 38 Show Product |
| | | |
| Measuring range - Distance 120 m | Process temperature -50 250 °C | Measuring range - Pressure -1 60 bar |
| Process temperature | Process pressure | Process temperature |
| -196 450 °C | -1 64 bar | -40 130 °C |
| Process pressure -1 160 bar | Version Standard | Ассигасу 0.3 % |
| Accuracy | Hygienic applications | Materials, wetted parts |
| ± 1 mm | with gas-tight leadthrough with tube extension | PVDF |
| Frequency | with temperature adapter | 316L |
| 6 GHz | Materials, wetted parts | Duplex (1.4462) Ceramic |
| 26 GHz | PFA | |
| 80 GHz | 316L | Threaded connection |
| Beam angle | Alloy C22 (2.4602) | \geq G ¹ / ₂ , \geq ¹ / ₂ NPT |
| ≥ 3° | Alloy 400 (2.4360) ECTFE | Hygenic fittings |
| | EGIFE | Clamp ≥ 2", DN50 - DIN32676, ISO2852 |
| Materials, wetted parts | | Clamp ≥ 1" - DIN32676, ISO2852 |
| PTFE PVDF | Threaded connection | Clamp ≥ $1\frac{1}{2}$ " - DIN32676, ISO2852 |
| 316L | ≥ G¾, ≥ ¾ NPT | Slotted nut ≥ 1½", ≥ DN40 - DIN 11851 Slotted nut ≥ DN25 - DIN 11851 |
| PP | Flange connection | SMS DN38 |
| PEEK | ≥ DN25, ≥ 1" | Hygienic fittings ≥ DN25 - DIN11864-1-A |
| Threaded connection | Hygenic fittings | Hygienic fittings ≥ DN40 - DIN11864-1-A |
| ≥ G¾, ≥¾ NPT | Clamp ≥ 1" - DIN32676, ISO2852 | Varivent N50-40 SMS DN25 |
| | Slotted nut ≥ 1½", ≥ DN40 - DIN 11851 | Ingold connection PN10 |
| Flange connection ≥ DN20, ≥ ¾" | Varivent ≥ DN25 | Varivent F25 |
| - 51420, - 74 | hygienic fitting F40 with compression nut SMS 1145 DN51 | Seal material |
| Hygenic fittings | SMS TH45 DN51 SMS DN38 | EPDM |
| Clamp ≥ 1½" - DIN32676, ISO2852 | Hygienic fittings ≥ DN25 - DIN11864-1-A | FKM |
| Slotted nut ≥ 2", DN50 - DIN 11851 Varivent ≥ DN25 | Hygienic flange connection DIN11864-2-A; | FFKM |
| hygienic fitting with tension flange DN32 | DN60(ISO)ø60,3 | Housing material |
| hygienic fitting F40 with compression nut | SMS socket piece DN38 PN6 | Plastic |
| Hygienic screw connections ≥ DN50 tube ø53 - | Seal material | |
| DIN11864-1-A Hygienice flange connection ≥ DN50 DIN11864-2 | no media contact | Protection rating |
| Hygienic clamp connection \geq DN50 pipe Ø53 - DIN11864- | Housing material | IP66/IP67 IP65 |
| 3-A | Plastic | |
| DRD connection ø 65 mm | Aluminium | Output |
| SMS 1145 DN51 | Stainless steel (precision casting) | 420 mA |
| | Stainless steel (electropolished) | Three-wire (PNP/NPN, 4 20 mA) |
| | Protection rating | |
| | | |

IP66/IP67 IP66/IP68 (1 bar) IP65

