



Reliable

Reliable protection against overfilling

Cost effective

Independent of product and process characteristics

User friendly

Simple to set up and maintenance-free operation

Tanks for solvents

Level measurement, point level and pressure measurement in the storage and transfer of solvents

Low viscosity solvents can degrade many types of plastics. This places increased demands on the process instrumentation. A separate level detection system is required for protection against overfilling. It increases plant safety and ensures protection of human health and the environment.

More details



VEGAFLEX 81

Level measurement with guided radar in the solvent tank

- Different sealing and housing materials ensure long-term and maintenance-free operation
- Reliable measurement even with changing media and foaming
- The SIL qualification (SIL2/3) and the approval for substances hazardous to water (WHG) allow use as part of an overfill protection system or safety instrumented system
- Maintenance-free operation of the facility

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VEGABAR 82

Pump pressure measurement with pressure transmitter in the pump line

- Robust ceramic CERTEC® measuring cell withstands pressure surges or vacuum shocks in the pump line
- The high resistance of the measuring cell and the various process fittings ensure long-term, maintenance-free operation
- Reliable level measurement qualified to WHG and SIL

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VEGASWING 63

Point level detection with vibrating level switch for overfill and dry run protection in the solvent tank

- Universally applicable for almost all liquids
- Additional safety thanks to glass feedthrough, which provides an additional process separation (Second Line of Defense)
- Simple setup without calibration
- Simple testing of the measuring system during operation via test button

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PRO
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Measuring range - Distance 75 m
Process temperature -60 ... 200 °C
Process pressure -1 ... 40 bar
Accuracy ± 2 mm
Version Basic version for exchangeable cable ø 2; ø 4 mm Basic version for exchangeable rod ø 8 mm Basic version for exchangeable rod ø 12 mm Coax version ø 21.3 mm for ammonia application Coax version ø 21.3 mm with single hole Coax version ø 21.3 mm with multiple hole Coax version ø 42.2 mm with multiple hole Exchangeable rod ø 8 mm Exchangeable rod ø 12 mm Exchangeable cable ø 2 mm with gravity weight Exchangeable cable ø 4 mm with gravity weight Exchangeable cable ø 2 mm with centering weight Exchangeable cable ø 4 mm with centering weight Exchangeable cable ø 4 mm without weight exchangeable, PFA-coated cable ø4 mm with non-coated centering weight
Materials, wetted parts PFA 316L Alloy C22 (2.4602) Alloy 400 (2.4360) Alloy C276 (2.4819) Duplex (1.4462) 304L
Threaded connection ≥ G¾, ≥ ¾ NPT
Flange connection ≥ DN25, ≥ 1"
Seal material EPDM FKM FFKM Silicone FEP coated Borosilicate glass
Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)

PRO
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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 ≥ G¾, ≥ ¾ NPT
Flange connection ≥ DN15, ≥ ½"
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

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