



Reliable

Certified materials in compliance with FDA and EC 1935/2004

Cost effective

Three instruments, four measured values:
Pressure, level, temperature and point level

User friendly

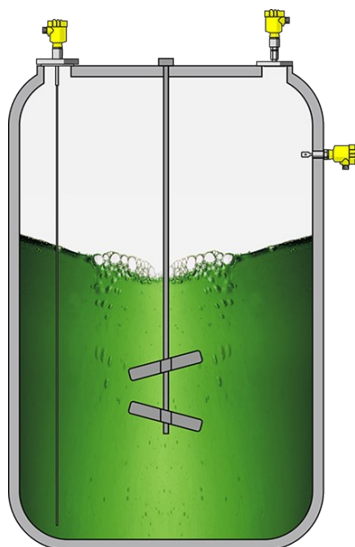
Low installation expenditure

Reaction vessel with solvents

Level and pressure measurement and point level detection in mixing processes

The key component in the manufacture of pharmaceutical products is the reactor. Different raw materials are mixed with solvents and made to react by applying heat and pressure. During this process, the pressure, temperature and consistency of the medium are changing constantly. A stirrer ensures homogeneous mixing of the product, and can also cause an agitated surface and heavy foaming. To ensure a reliable process, the liquid level in the reaction vessel must be reliably and continuously monitored.

[More details](#)



VEGAFLEX 83

Guided radar sensor for level measurement

- Easy installation in restricted installation situations thanks to segmented rods
- Reliable measurement despite strong foam generation
- Hygienic, gap-free design ensures easy and reliable CIP and SIP cleaning

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VEGABAR 83

Pressure transmitter for monitoring pressure

- Unaffected by internal fixtures such as agitators or heating coils
- Unaffected by foaming

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VEGASWING 61


Vibrating level switch for point level detection

- Reliable measurement, independent of process parameters
- Adaptable to any medium through special coatings, e.g. glass and polymer

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VEGAFLEX 83 Show Product

Measuring range - Distance 32 m
Process temperature -40 ... 150 °C
Process pressure -1 ... 16 bar
Accuracy ± 2 mm
Version Rod ø 10 mm, PFA-coated Exchangeable rod ø 8 mm, polished Exchangeable rod ø 8 mm, electropolished Exchangeable rod ø 8 mm, electropolished, can be autoclaved Cable ø 4 mm with gravity weight, PFA-coated
Materials, wetted parts PFA 316L TFM-PTFE
Flange connection ≥ DN25, ≥ 1"
Hygienic fittings Clamp ≥ 2", DN50 - DIN32676, ISO2852 Clamp ≥ 3", DN65 - DIN32676, ISO2852 Slotted nut ≥ 1½", ≥ DN40 - DIN 11851 Slotted nut ≥ 2", DN50 - DIN 11851 Varivent ≥ DN25 Hygienice flange connection ≥ DN50 DIN11864-2 Swagelok VCR screwing Hygienic collar clamp ≥ DN33 - DIN 11864-3 Safety ingold
Seal material EPDM FKM FEPM
Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)

PRO
VEGABAR 83 Show Product

Measuring range - Distance -
Measuring range - Pressure -1 ... 1000 bar
Process temperature -40 ... 200 °C
Process pressure -1 ... 1000 bar
Accuracy 0.075 %
Materials, wetted parts 316L Alloy C22 (2.4602) 316Ti (1.4571) Alloy C4 (2.4610)
Threaded connection ≥ G½, ≥ ½ NPT
Flange connection ≥ DN25, ≥ 1"
Hygienic fittings Clamp ≥ 1" - DIN32676, ISO2852 Slotted nut ≥ DN25 - DIN 11851 Varivent ≥ DN25 hygienic fitting with tension flange DN32 Hygienice flange connection ≥ DN50 DIN11864-2 SMS 1145 DN51 SMS DN38 Hygienic fittings ≥ DN33 - DIN11864-1-A Hyg. collar clamp adapter DN40PN40 DIN11864-3-A Hyg. clamp connection DIN11864-3-A; DN50 Rohr ø53 Swagelok VCR screwing Varivent G125
Seal material no media contact

PRO
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Measuring range - Distance -
Process temperature -50 ... 250 °C
Process pressure -1 ... 64 bar
Version Standard Hygienic applications with gas-tight leadthrough 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)