

Reliable

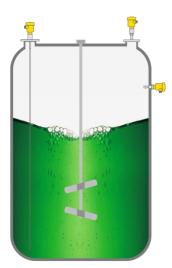
Certified materials in compliance with FDA and EC 1935/2004

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

Show Product

VEGABAR 83

Pressure transmitter for monitoring pressure

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

Show Product

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

Show Product



PRO	PRO	PRO
VEGAFLEX 83 Show Product	VEGABAR 83 Show Product	VEGASWING 61 Show Product
Measuring range - Distance 32 m	Measuring range - Distance -	Measuring range - Distance -
Process temperature -40 150 ℃	Measuring range - Pressure -1 1000 bar	Process temperature -50 250 °C
Process pressure -1 16 bar	Process temperature -40 200 °C	Process pressure -1 64 bar
Accuracy ± 2 mm Version	Process pressure -1 1000 bar Accuracy	Version Standard Hygienic applications
Rod ø 10 mm, PFA-coated Exchangeable rod ø 8 mm, polished	0.075 % Materials, wetted parts	with gas-tight leadthrough with temperature adapter Materials, wetted parts
Exchangeable rod ø 8 mm, electropolished Exchangeable rod ø 8 mm, electropolished, can be autoclaved Cable ø 4 mm with gravity weight, PFA-coated	316L Alloy C22 (2.4602) 316Ti (1.4571)	PFA 316L Alloy C22 (2.4602)
Materials, wetted parts PFA 316L	Alloy C4 (2.4610) Threaded connection ≥ G½, ≥ ½ NPT	Alloy 400 (2.4360) ECTFE Enamel
TFM-PTFE Flange connection	Flange connection ≥ DN25, ≥ 1"	Threaded connection ≥ G¾, ≥ ¾ NPT
≥ DN25, ≥ 1" Hygenic fittings	Hygenic fittings Slotted nut ≥ DN25 - DIN 11851	Flange connection ≥ DN25, ≥ 1"
Hygenic numps 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	Varivent ≥ DN25 - DN4 Hos1 Varivent ≥ DN25 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. damp connection DIN11864-3-A; DN50 Rohr ø53 Swagelok VCR screwing Varivent G125	Hygenic 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
EPDM FKM FEPM	Seal material no media contact	SMS socket piece DN38 PN6 Seal material no media contact
Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)		Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)

