



### 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

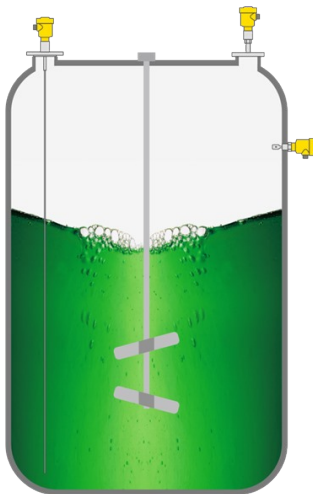
Low installation expenditure

## 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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<b>VEGAFLEX 83</b> <a href="#">Show Product</a>

<b>Measuring range - Distance</b> 32 m
<b>Process temperature</b> -40 ... 150 °C
<b>Process pressure</b> -1 ... 16 bar
<b>Accuracy</b> ± 2 mm
<b>Version</b> 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
<b>Materials, wetted parts</b> PFA 316L TFM-PTFE
<b>Flange connection</b> ≥ DN25, ≥ 1"
<b>Hygienic fittings</b> Clamp ≥ 2", DN50 - DIN32676, ISO2852 Clamp ≥ 3", DN65 - DIN32676, ISO2852 Slotted nut ≥ 1½", ≥ DN40 - DIN 11851 Slotted nut ≥ 2", DN50 - DIN 11851 Varivent ≥ DN25 Hygienic flange connection ≥ DN50 DIN11864-2 Swagelok VCR screwing Hygienic collar clamp ≥ DN33 - DIN 11864-3 Safety ingold
<b>Seal material</b> EPDM FKM FEPM
<b>Housing material</b> Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)

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<b>VEGABAR 83</b> <a href="#">Show Product</a>

<b>Measuring range - Distance</b> -
<b>Measuring range - Pressure</b> -1 ... 1000 bar
<b>Process temperature</b> -40 ... 200 °C
<b>Process pressure</b> -1 ... 1000 bar
<b>Accuracy</b> 0.075 %
<b>Materials, wetted parts</b> 316L Alloy C22 (2.4602) 316Ti (1.4571) Alloy C4 (2.4610)
<b>Threaded connection</b> ≥ G½, ≥ ½ NPT
<b>Flange connection</b> ≥ DN25, ≥ 1"
<b>Hygienic fittings</b> Slotted nut ≥ DN25 - DIN 11851 Varivent ≥ DN25 hygienic fitting with tension flange DN32 Hygienic 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
<b>Seal material</b> no media contact

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<b>VEGASWING 61</b> <a href="#">Show Product</a>

<b>Measuring range - Distance</b> -
<b>Process temperature</b> -50 ... 250 °C
<b>Process pressure</b> -1 ... 64 bar
<b>Version</b> Standard Hygienic applications with gas-tight leadthrough with temperature adapter
<b>Materials, wetted parts</b> PFA 316L Alloy C22 (2.4602) Alloy 400 (2.4360) ECTFE Enamel
<b>Threaded connection</b> ≥ G¾, ≥ ¾ NPT
<b>Flange connection</b> ≥ DN25, ≥ 1"
<b>Hygienic fittings</b> 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
<b>Seal material</b> no media contact
<b>Housing material</b> Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)