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

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PRO

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"

Hygenic 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"

Hygenic fittings
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

VEGASWING 61

Show Product

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"

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
SMS socket piece DN38 PN6

Seal material
no media contact

Housing material
Plastic
Aluminium
Stainless steel (precision casting)
Stainless steel (electropolished)