



Reliable

Certified materials in compliance with FDA and EC 1935/2004

Cost effective

Maintenance-free operation

User friendly

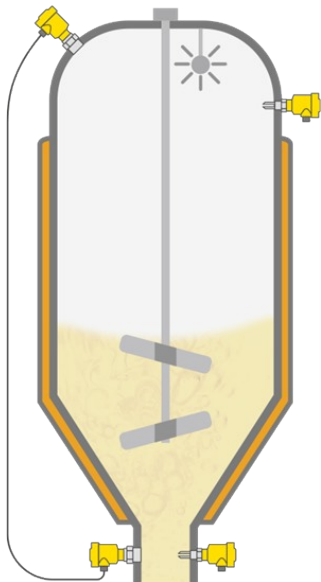
Easy installation

Batching tank for ointments

Level and pressure measurement and point level detection in ointment production in batch mode

Many different ointments and creams are produced in batching tanks. The process conditions in batch production are typically characterized by high temperatures and vacuum. After each batch run, the tank needs to be cleaned quickly and effectively with chemically aggressive cleaning agents ready for the next batch. Contamination of the products during the mixing or reaction process is prevented by the use of a protective gas atmosphere. To ensure a safe, reliable process, both the level and the gas head pressure must be continuously monitored.

[More details](#)



VEGABAR 83

Level, pressure and electronic differential pressure measurement with two pressure transmitters in the batching tank

- By measuring the pressure in the upper and lower region of the tank, both the gas head pressure and the level can be reliably monitored
- The thermally self-compensating METEC® measuring cell measures accurately and reliably – despite cleaning-related thermal shock
- Hygienic process fittings are ideal for use in sterile production processes

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VEGASWING 61

Point level detection with vibrating level switches in batch operation

- Reliable detection of the limit level, regardless of the product or process properties
- Hygienically optimised process fittings ensure easy cleaning and maximum process safety
- Easy to install, even the very smallest process fittings are possible

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PRO

VEGABAR 83
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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

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

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)