



#### Reliable

Certified materials in compliance with FDA and EC 1935/2004

#### Cost effective

Maintenance-free operation

#### User friendly

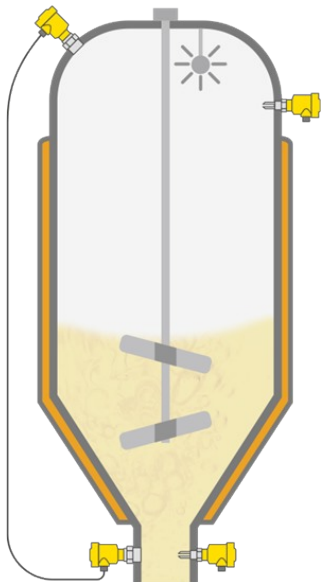
Easy installation

## 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

[Show Product](#)



#### 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

[Show Product](#)

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**

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

**VEGASWING 61**  
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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)