



#### Reliable

Approved materials in compliance with FDA and EC 1935/2004

#### Cost effective

Reliable, continuous operation with absolute hygiene

#### User friendly

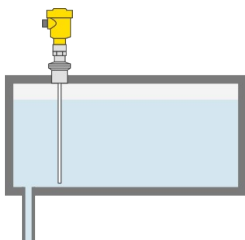
Standardized housing and adjustment concept

## Batch holding tank on a filling system

### Level measurement in the holding tank of a filling system

Pharmaceutical products such as drugs and vaccines are held in batch filling holding tanks ready to be filled into injection vials under absolutely sterile conditions. After each batch, the holding tank has to be totally sterilized using an autoclaving procedure. During this process, the sensor is exposed to a pressure of 2.5 bar and a temperature of 130 °C for at least half an hour. The rapidly changing levels of the aqueous liquids are continuously monitored. The rapidly changing levels of the aqueous liquids require continuous and precise monitoring.

[More details](#)



### VEGAFLEX 83

Level measurement with guided radar in the holding tank of a filling system.

- Autoclavable version ensures absolute hygiene
- Short response time enables detection of quick level changes
- Wetted parts comply with material specification: Basle standard BN2

[Show Product](#)

**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"

**Hygienic 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)