



Reliable

Approved materials in compliance with FDA and EC 1935/2004

Cost effective

Reliable, continuous operation with absolute hygiene

User friendly

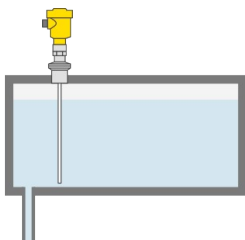
Standardized housing and adjustment concept

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)