



Reliable

Approved materials in compliance with FDA and EC 1935/2004

Cost effective

Maintenance-free operation

User friendly

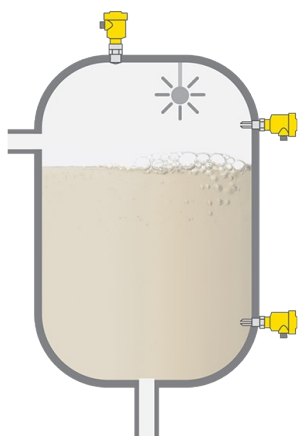
Simple mounting

CIP system - cleaning agent storage tanks

Level measurement and point level detection in the cleaning agent storage tank of the CIP system

In the pharmaceutical industry, cleaning of process equipment takes place within the framework of a validated "Clean in Place (CIP)" process to ensure aseptic conditions are maintained in production equipment, tanks and pipelines. Sodium hydroxide or concentrated acids are frequently used as cleaning agents, which are held in storage tanks within the CIP system. They are diluted in a premix vessel prior to use. Level measurement enables safe storage and optimal usage of these cleaning agents. Point level detection serves as overfill and dry run protection.

[More details](#)



VEGAPULS 6X

Radar sensor for continuous level measurement in cleaning agent storage tanks

- Very good focusing with small beam angle of only 4°
- Reliable measurement, unaffected by condensate formation
- Long service life thanks to high chemical resistance

[Show Product](#)





VEGASWING 61

Vibrating level switch as overfill and dry run protection

- Reliable detection of the limit level, independent of medium
- Enamel coating ensures long service life of sensor
- Simple setup without adjustment

[Show Product](#)

PRO	PRO
VEGAPULS 6X Show Product	VEGASWING 61 Show Product
	
Measuring range - Distance 120 m	Measuring range - Distance -
Process temperature -196 ... 450 °C	Process temperature -50 ... 250 °C
Process pressure -1 ... 160 bar	Process pressure -1 ... 64 bar
Accuracy ± 1 mm	Version Standard Hygienic applications with gas-tight leadthrough with temperature adapter
Frequency 6 GHz 26 GHz 80 GHz	Materials, wetted parts PFA 316L Alloy C22 (2.4602) Alloy 400 (2.4360) ECTFE Enamel
Beam angle ≥ 3°	Threaded connection ≥ G¾, ≥ ¾ NPT
Materials, wetted parts PTFE PVDF 316L PP PEEK	Flange connection ≥ DN25, ≥ 1"
Threaded connection ≥ G¾, ≥ ¾ NPT	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
Flange connection ≥ DN20, ≥ ¾"	Seal material no media contact
Hygienic fittings Clamp ≥ 1½" - DIN32676, ISO2852 Slotted nut ≥ 2", DN50 - DIN 11851 Varivent ≥ DN25 hygienic fitting with tension flange DN32 hygienic fitting F40 with compression nut Hygienic screw connections ≥ DN50 tube ø53 - DIN11864-1-A Hygienic flange connection ≥ DN50 DIN11864-2 Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-3-A DRD connection ø 65 mm SMS 1145 DN51	Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)