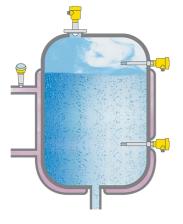


Reliable

Approved materials in compliance with FDA and EC 1935/2004

Cost effective Maintenance-free operation

User friendly Simple installation



Preparation tank for solvents

Level measurement in the preparation tank for solvents

The various solvents and intermediate carrier materials have to be first prepared before they proceed onto further production steps. This is usually carried out in bioreactors and fermentation tanks. These vessels are enclosed with a steam heating jacket to regulate the temperature inside the mixing process. The level measuring system is needed to control filling and discharge as well as monitor during the process. Level detection prevents the tank from overfilling or running empty.

More details



VEGAPULS 6X

Non-contact level measurement in the preparation tank for solvents

- Strong focusing allows reliable measurement at close range and at the bottom of the tank as well as in media with low dielectric constant
- The front-flush, encapsulated antenna is easy to clean and resistant to the extreme conditions of the SIP and CIP processes.
- Measurement not affected by condensation and internal fixtures

Show Product

VEGASWING 63

Vibrating level switch as overfill and dry run protection

- Reliable detection of the limit level, independent of medium
- Reliable function under all process conditions
- Simple setup without adjustment
- Hygienic design ensures easy and reliable CIP and SIP cleaning

Show Product



VEGABAR 38

Pressure monitoring with IO-Link connection in the supply line of the heating medium

- Reliable measurement thanks to fast response time
- Robust ceramic CERTEC® measuring cell guarantees a long service life
- Simple operation thanks to VDMA menu structure and integrated display

Show Product



PRO	PRO	BASIC
VEGAPULS 6X Show Product	VEGASWING 63 Show Product	VEGABAR 38 Show Product
Measuring range - Distance 120 m	Process temperature -50 250 °C	Measuring range - Pressure -1 60 bar
Process temperature	Process pressure	Process temperature
-196 450 °C	-1 64 bar	-40 130 °C
Process pressure -1 160 bar	Version Standard	Ассигасу 0.3 %
Accuracy	Hygienic applications	Materials, wetted parts
± 1 mm	with gas-tight leadthrough with tube extension	PVDF
Frequency	with temperature adapter	316L
6 GHz	Materials, wetted parts	Duplex (1.4462) Ceramic
26 GHz	PFA	
80 GHz	316L	Threaded connection
Beam angle	Alloy C22 (2.4602)	\geq G ¹ / ₂ , \geq ¹ / ₂ NPT
≥ 3°	Alloy 400 (2.4360) ECTFE	Hygenic fittings
	EGIFE	Clamp ≥ 2", DN50 - DIN32676, ISO2852
Materials, wetted parts		Clamp ≥ 1" - DIN32676, ISO2852
PTFE PVDF	Threaded connection	Clamp ≥ $1\frac{1}{2}$ " - DIN32676, ISO2852
316L	≥ G¾, ≥ ¾ NPT	Slotted nut ≥ 1½", ≥ DN40 - DIN 11851 Slotted nut ≥ DN25 - DIN 11851
PP	Flange connection	SMS DN38
PEEK	≥ DN25, ≥ 1"	Hygienic fittings ≥ DN25 - DIN11864-1-A
Threaded connection	Hygenic fittings	Hygienic fittings ≥ DN40 - DIN11864-1-A
≥ G¾, ≥¾ NPT	Clamp ≥ 1" - DIN32676, ISO2852	Varivent N50-40 SMS DN25
	Slotted nut ≥ 1½", ≥ DN40 - DIN 11851	Ingold connection PN10
Flange connection ≥ DN20, ≥ ¾"	Varivent ≥ DN25	Varivent F25
- 51420, - 74	hygienic fitting F40 with compression nut SMS 1145 DN51	Seal material
Hygenic fittings	SMS TH45 DN51 SMS DN38	EPDM
Clamp ≥ 1½" - DIN32676, ISO2852	Hygienic fittings ≥ DN25 - DIN11864-1-A	FKM
Slotted nut ≥ 2", DN50 - DIN 11851 Varivent ≥ DN25	Hygienic flange connection DIN11864-2-A;	FFKM
hygienic fitting with tension flange DN32	DN60(ISO)ø60,3	Housing material
hygienic fitting F40 with compression nut	SMS socket piece DN38 PN6	Plastic
Hygienic screw connections ≥ DN50 tube ø53 -	Seal material	
DIN11864-1-A Hygienice flange connection ≥ DN50 DIN11864-2	no media contact	Protection rating
Hygienic clamp connection \geq DN50 pipe Ø53 - DIN11864-	Housing material	IP66/IP67 IP65
3-A	Plastic	
DRD connection ø 65 mm	Aluminium	Output
SMS 1145 DN51	Stainless steel (precision casting)	420 mA
	Stainless steel (electropolished)	Three-wire (PNP/NPN, 4 20 mA)
	Protection rating	

IP66/IP67 IP66/IP68 (1 bar) IP65

