

#### Reliable

Certified hygienic design (3A/EHEDG) and approved materials according to EC 1935/2004 and FDA

#### Cost effective

Continuous operation with absolute hygiene

#### **User friendly**

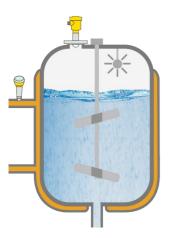
Standardized adjustment, process data storable and transferable

# **Mixing Vessel**

# Level measurement in the mixing vessel and pressure measurement in the supply line

Mixing vessels are applied for preparation, storage and transfer of a wide range of pharmaceutical products. These vessels are used for the manufacture of antibiotics, blood plasma products, and injection and infusion solutions. Following preparation, substances are transferred to a filling station. To ensure a reliable process, the liquid level in the mixing vessel must be reliably and continuously monitored.

#### More details





#### **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

## **VEGPULS 6X**

Level measurement with radar in the mixing vessel

- Reliable level measurement, independent of process conditions such as vacuum, pressure, temperature and changing product density
- Flange with encapsulated antenna system allows optimal CIP and SIP cleaning
- The small beam angle and good focussing of the sensor allows easy alignment

#### **Show Product**



BASIC	PRO
VEGABAR 38	VEGPULS 6X
Show Product	Show Product
Measuring range - Pressure	Measuring range - Distance
-1 60 bar	120 m
Process temperature	Process temperature
-40 130 °C	-196 450 °C
Accuracy	Process pressure
0.3 %	-1 160 bar
Materials, wetted parts	Accuracy
PVDF	± 1 mm
316L	Frequency
Duplex (1.4462)	6 GHz
Ceramic	26 GHz
Threaded connection	80 GHz
≥ G½, ≥ ½ NPT	Beam angle
Hygenic fittings   Clamp ≥ 2", DN50 - DIN32676, ISO2852   Clamp ≥ 1" - DIN32676, ISO2852   Clamp ≥ 1½" - DIN32676, ISO2852   Slotted nut ≥ 1½", ≥ DN40 - DIN 11851   Slotted nut ≥ 1½", ≥ DN40 - DIN 11851   Slotted nut ≥ DN25 - DIN 11851   SMS DN38   Hygienic fittings ≥ DN25 - DIN11864-1-A   Hygienic fittings ≥ DN40 - DIN11864-1-A	≥ 3° Materials, wetted parts PTFE PVDF 316L PP PEEK
Varivent N50-40	Threaded connection
SMS DN25	≥ G¾, ≥ ⅔ NPT
Ingold connection PN10	Flange connection
Varivent F25	≥ DN20, ≥ ¾"
Seal material	Hygenic fittings
EPDM	Clamp ≥ 1½" - DIN32676, ISO2852
FKM	Slotted nut ≥ 2", DN50 - DIN 11851
FFKM	Varivent ≥ DN25
Housing material	hygienic fitting with tension flange DN32
Plastic	hygienic fitting F40 with compression nut
Protection rating IP66/IP67 IP65	Hygienic screw connections ≥ DN50 tube ø53 - DIN11864-1-A Hygienice flange connection ≥ DN50 DIN11864-2 Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864- 3-A
Output 4 20 mA Three-wire (PNP/NPN, 4 20 mA) IO-Link	DRD connection ø 65 mm SMS 1145 DN51

