

#### Reliable

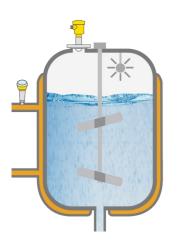
Certified hygienic design (3A/EHEDG) and approved materials according to EC 1935/2004 and FDA

#### **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**



## **VEGABAR 38 Show Product**



Measuring range - Pressure

-1 ... 60 bar

Process temperature

-40 ... 130 °C

Accuracy

0.3 %

Materials, wetted parts

PVDF 316L

Duplex (1.4462)

Ceramic

Threaded connection

≥ G½, ≥ ½ NPT

Hygenic fittings

Clamp ≥ 2", DN50 - DIN32676, ISO2852

Clamp ≥ 1" - DIN32676, ISO2852

Clamp ≥ 1½" - DIN32676, ISO2852

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

Varivent N50-40

SMS DN25

Ingold connection PN10

Varivent F25

Seal material

**EPDM** 

FKM FFKM

Housing material

Plastic

Protection rating

IP66/IP67

IP65

Output

4 ... 20 mA Three-wire (PNP/NPN, 4 ... 20 mA)

IO-Link

**VEGPULS 6X** 

**Show Product** 



Measuring range - Distance

120 m

Process temperature

-196 ... 450 °C

Process pressure

-1 ... 160 bar

Accuracy

± 1 mm

Frequency

6 GHz

26 GHz

80 GHz

Beam angle

≥ 3°

Materials, wetted parts

PTFE

PVDF

316L

PP PEEK

Thursday as

Threaded connection

≥ G¾, ≥ ¾ NPT

Flange connection

≥ DN20, ≥ ¾"

Hygenic fittings

Clamp  $\geq 1\frac{1}{2}$ " - 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  $\geq$  DN50 tube ø53 -

DIN11864-1-A

Hygienice flange connection ≥ DN50 DIN11864-2

Hygienic clamp connection  $\geq$  DN50 pipe Ø53 - DIN11864-

3-A

DRD connection ø 65 mm

SMS 1145 DN51

