



#### Reliable

Certified materials according to FDA and EC 1935/2004 regulations

#### Cost effective

Certified hygienic design of the sensors reduces cleaning time

#### User friendly

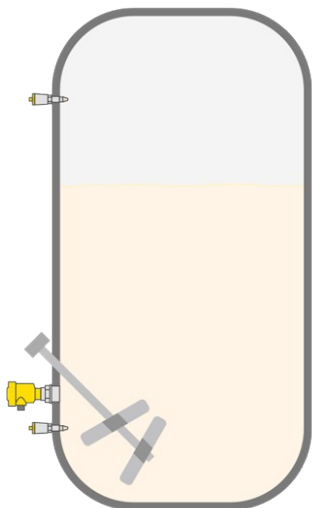
Very simple sensor installation

## Storage tank for milk and milk products

### Level measurement and point level detection in the storage tank for milk and milk products

Milk and milk-based products such as cream, standard and pasteurized milk have to be stored in the correct quantities depending on production requirements. Since whole milk tends to separate into milk and cream even at low temperatures, it has to be circulated during storage. The quality of the milk must not be affected by stirring. To ensure that the circulation does not begin until the agitator is completely covered with product, a reliable measurement is required.

[More details](#)



#### VEGABAR 82

Hydrostatic pressure transmitter for level measurement in storage tanks

- Easy to clean thanks to flush-mounted installation
- Reliable measurement, immune to the formation of condensation
- Robust measuring cell highly resistant to cleaning cycles

[Show Product](#)



#### VEGAPOINT 21

Capacitive level switch for detection of minimum and maximum levels

- Reliable switching point in all media
- Reliable measurement, immune to the formation of condensation
- Compact design facilitates cleaning

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PRO

BASIC

**VEGABAR 82**  
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**VEGAPOINT 21**  
[Show Product](#)



**Measuring range - Distance**

-

**Measuring range - Pressure**

-1 ... 100 bar

**Process temperature**

-40 ... 150 °C

**Process pressure**

-1 ... 100 bar

**Accuracy**

0.05 %

**Materials, wetted parts**

PVDF  
 316L  
 Alloy C22 (2.4602)  
 PP  
 1.4057  
 1.4410  
 Alloy C276 (2.4819)  
 Duplex (1.4462)  
 Titanium Grade 2 (3.7035)

**Threaded connection**

≥ G½, ≥ ½ NPT

**Flange connection**

≥ DN15, ≥ ½"

**Hygienic fittings**

Clamp ≥ 1" - DIN32676, ISO2852  
 Slotted nut ≥ DN25 - DIN 11851  
 hygienic fitting with tension flange DN32  
 hygienic fitting F40 with compression nut  
 DRD connection ø 65 mm  
 SMS 1145 DN51  
 SMS DN38  
 Swagelok VCR screwing  
 Varivent G125  
 Varivent N50-40  
 for NEUMO BioControl D50 PN16 / 316L

**Seal material**

EPDM  
 FKM  
 FFKM

**Measuring range - Distance**

-

**Process temperature**

-40 ... 115 °C

**Process pressure**

-1 ... 64 bar

**Materials, wetted parts**

316L  
 PEEK

**Threaded connection**

≥ G½, ≥ ½ NPT

**Hygienic 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  
 Slotted nut ≥ DN32 - DIN 11851

**Seal material**

EPDM  
 FKM

**Protection rating**

IP66/IP67  
 IP69

**Output**

Transistor (NPN/PNP)  
 IO-Link

**Ambient temperature**

-40 ... 70 °C