



Reliable

Certified materials according to FDA and EC 1935/2004 regulations

Cost effective

Certified hygienic design of the sensors reduces cleaning time

User friendly

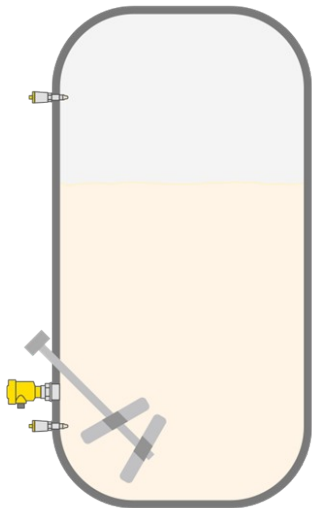
Very simple sensor installation

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

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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
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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