Reliable

Certified materials according to FDA and EC 1935/2004 regulations

Cost effective

Short delivery time and standardized operation thanks to plics® concept

User friendly

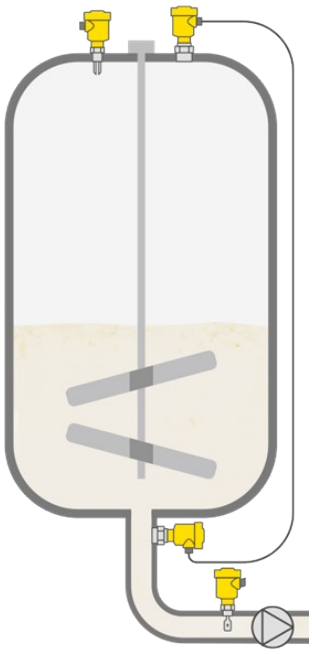
Simple installation, differential pressure capillary lines unnecessary with electronic differential pressure method

Raw milk tank

Level, pressure measurement and point level detection in the raw milk tank

The incoming raw milk is stored at a temperature of about 4 °C and stirred gently at all times to ensure it is kept until it is forwarded for further processing. As well as measuring the level in the vessel, the milk is protected against contamination with an overpressure. Point level detection prevents any overfilling of the raw milk tank.

More details



VEGABAR 83

Electronic differential pressure method for pressure and level measurement in the raw milk tank

- Suitable for CIP and SIP cleaning processes at temperatures up to 150 °C
- METEC® measuring cell with stainless steel or alloy diaphragm is resistant to aggressive cleaning agents
- Simple installation, since differential pressure lines are unnecessary

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VEGASWING 61

Vibrating level switch for detection of the upper and lower limit level in the raw milk stirring tank

- Safe and reliable operation under all process conditions
- Tuning fork easy to clean, as it is welded gap-free to process fitting
- Simple setup without adjustment

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VEGABAR 83

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Measuring range - Distance

-

Measuring range - Pressure

-1 ... 1000 bar

Process temperature

-40 ... 200 °C

Process pressure

-1 ... 1000 bar

Accuracy

0.075 %

Materials, wetted parts

316L
Alloy C22 (2.4602)
316Ti (1.4571)
Alloy C4 (2.4610)

Threaded connection

≥ G½, ≥ ½ NPT

Flange connection

≥ DN25, ≥ 1"

Hygenic fittings

Slotted nut ≥ DN25 - DIN 11851
Varivent ≥ DN25
hygienic fitting with tension flange DN32
Hygienice flange connection ≥ DN50 DIN11864-2
SMS 1145 DN51
SMS DN38
Hygienic fittings ≥ DN33 - DIN11864-1-A
Hyg. collar clamp adapter DN40PN40 DIN11864-3-A
Hyg. clamp connection DIN11864-3-A; DN50 Rohr ø53
Swagelok VCR screwing
Varivent G125

Seal material

no media contact

PRO

VEGASWING 61

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Measuring range - Distance

-

Process temperature

-50 ... 250 °C

Process pressure

-1 ... 64 bar

Version

Standard
Hygienic applications
with gas-tight leadthrough
with temperature adapter

Materials, wetted parts

PFA
316L
Alloy C22 (2.4602)
Alloy 400 (2.4360)
ECTFE
Enamel

Threaded connection

≥ G¾, ≥ ¾ NPT

Flange connection

≥ DN25, ≥ 1"

Hygenic fittings

Clamp ≥ 1" - DIN32676, ISO2852
Slotted nut ≥ 1½", ≥ DN40 - DIN 11851
Varivent ≥ DN25
hygienic fitting F40 with compression nut
SMS 1145 DN51
SMS DN38
Hygienic fittings ≥ DN25 - DIN11864-1-A
Hygienic flange connection DIN11864-2-A;
DN60(ISO)ø60,3
SMS socket piece DN38 PN6

Seal material

no media contact

Housing material

Plastic
Aluminium
Stainless steel (precision casting)
Stainless steel (electropolished)