



Reliable

Certified materials according to FDA and EC 1935/2004 regulations

Cost effective

Accurate monitoring ensures a continuous process

User friendly

Bluetooth communication facilitates diagnosis

Green beer storage tank

Level, pressure and limit level measurement in the green beer storage tank

After fermentation and after a large part of the yeast has already been removed in the separator, the green beer is placed in storage. Here it is continuously cooled. The green beer is then pumped into the filtration system. In the green beer storage tank, the overpressure, the limit level and the actual level are continuously monitored.

More details



VEGABAR 82

Pressure transmitter for monitoring overpressure in the green beer storage tank

- Ceramic CERTEC® measuring cell is resistant to cleaning cycles
- Reliable measurement, unaffected by condensate formation thanks to encapsulated measuring cell
- Good cleanability via flush mounting sensor design

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VEGABAR 28

Pressure transmitter for pressure monitoring in the cooling water pipeline

- Ceramic CERTEC® measuring cell is totally resistant to cooling water
- Exact measured values despite condensation formation, thanks to encapsulated measuring cell
- Good cleanability thanks to flush mounting

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VEGAPOINT 21

Capacitive level switch as overflow and dry run protection in the green beer storage tank

- 360° switching status display for easy recognition of switching status
- Compact design facilitates cleaning
- Reliable measurement, even with condensation formation

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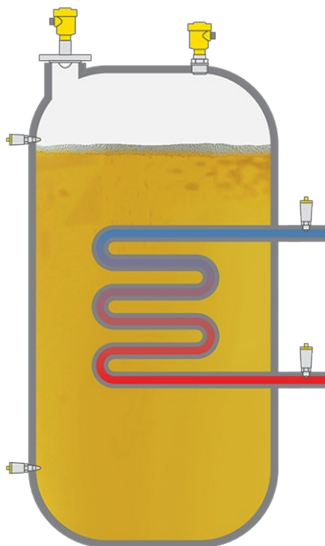


VEGAPULS 6X

Continuous level measurement with radar in the green beer storage tank.

- Reliable measurement despite cooling coils, thanks to strong focussing
- Exact measured values, even with formation of condensation
- Very good cleanability thanks to flange with encapsulated antenna system

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PRO

BASIC

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VEGABAR 82
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VEGABAR 28
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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 - Pressure

-1 ... 60 bar

Process temperature

-40 ... 130 °C

Accuracy

0.3 %

Materials, wetted parts

PVDF
Duplex (1.4462)
Ceramic
316/316L

Threaded connection

≥ G½, ≥ ½ NPT

Hygienic fittings

Clamp ≥ 2", DN50 - DIN32676, ISO2852
Clamp ≥ 1" - DIN32676, ISO2852
Clamp ≥ ½" - DIN32676, ISO2852
Slotted nut ≥ DN25 - DIN 11851
Slotted nut ≥ DN32 - DIN 11851
SMS 1145 DN51
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

Protection rating

IP65
IP68 (0,5 bar)/IP69

Output

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

Ambient temperature

-40 ... 70 °C

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 ≥ ½" - DIN32676, ISO2852
Slotted nut ≥ ½", ≥ 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

VEGAPULS 6X
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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

Threaded connection

≥ G¾, ≥ ¾ NPT

Flange connection

≥ DN20, ≥ ¾"

Hygienic fittings

Clamp ≥ 1½" - 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 ≥ DN50 tube ø53 -

DIN11864-1-A

Hygienic flange connection ≥ DN50 DIN11864-2

Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-

3-A

DRD connection ø 65 mm

SMS 1145 DN51