



### 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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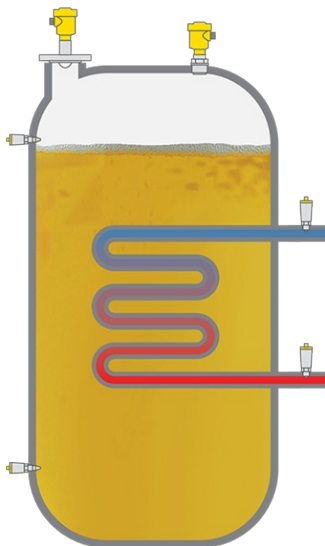


### VEGAPULS 6X

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

**VEGABAR 82**  
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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

BASIC

**VEGABAR 28**  
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**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

BASIC

**VEGAPOINT 21**  
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**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