



Beer tank

Reliable

Certified materials according to FDA and EC 1935/2004 regulations

Cost effective

plics® concept: short delivery time and standardized operation

User friendly

One measuring system, three measured values: level, pressure, temperature

Level measurement in the beer tank

During the brewing process, a thick layer of foam is always present in the beer tanks. Therefore usually two pressure transmitters are used for level measurement. One transmitter measures the head pressure, while the other at the bottom measures the total pressure. The level is precisely calculated from the differential between these two pressures. Hygienic process fittings are absolutely necessary for these sensors.



VEGABAR 82

Electronic differential pressure measurement for determining the level in the beer tank

- Temperature resistant, CIP capable, linear, overload proof and hysteresis-free
- Reliable level measurement, independent of foaming
- CERTEC® measuring cell of sapphire-ceramic® with gap-free surface meets the highest hygienic standards





VEGABAR 82

Measuring range - Distance

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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