



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

Beer tank

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.

[More details](#)



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

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VEGABAR 82

[Show Product](#)**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≥ G $\frac{1}{4}$, ≥ $\frac{1}{4}$ NPT**Flange connection**≥ DN15, ≥ $\frac{1}{2}$ "**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