



Reliable

Certified materials according to FDA and EC 1935/2004 regulations

Cost effective

Accurate monitoring optimizes the brewing process

User friendly

One measuring instrument, three measured values: Level, overpressure, temperature

Fermentation tank

Level, pressure and point level measurement in the fermentation tank

After the wort has been cooled down to the appropriate temperature in the wort cooler, it is pumped into the fermentation tanks. The fermentation process is then started by adding in yeast. The yeast converts the malt sugar dissolved in the wort into carbonic acid and alcohol. To ensure optimal fermentation in the tank, the following key parameters are measured: hydrostatic pressure for determining the level, overpressure for CO₂ content monitoring and limit level for overflow or dry run protection.

[More details](#)



VEGABAR 82

Level measurement via electronic differential pressure measurement in the fermentation tank

- Reliable measurement unaffected by condensation thanks to encapsulated measuring cell
- Good cleanability thanks to hygienic design and flush mounting
- Additional temperature measurement by temperature sensor located very close to the process

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VEGABAR 38

Pressure sensor for pressure monitoring in the yeast supply line and in the CO₂ discharge line

- Ceramic CERTEC® measuring cell is resistant to CIP cleaning
- Good cleanability thanks to hygienic design
- Bluetooth communication for easy operation

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VEGAPOINT 21

Capacitive level switch as overflow and dry run protection in the fermentation tank

- 360° status display for quick and easy recognition of switching status
- Compact design facilitates cleaning
- Reliable measurement independent of condensation and foam

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PRO	BASIC	BASIC
VEGABAR 82 Show Product	VEGABAR 38 Show Product	VEGAPOINT 21 Show Product
		
Measuring range - Distance -	Measuring range - Pressure -1 ... 60 bar	Measuring range - Distance -
Measuring range - Pressure -1 ... 100 bar	Process temperature -40 ... 130 °C	Process temperature -40 ... 115 °C
Process temperature -40 ... 150 °C	Accuracy 0.3 %	Process pressure -1 ... 64 bar
Process pressure -1 ... 100 bar	Materials, wetted parts PVDF 316L Duplex (1.4462) Ceramic	Materials, wetted parts 316L PEEK
Accuracy 0.05 %	Threaded connection ≥ G½, ≥ ½ NPT	Threaded connection ≥ G½, ≥ ½ NPT
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)	Hygienic fittings Clamp ≥ 2", DN50 - DIN32676, ISO2852 Clamp ≥ 1" - DIN32676, ISO2852 Clamp ≥ 1½" - DIN32676, ISO2852 Slotted nut ≥ 1½", ≥ DN40 - DIN 11851 Slotted nut ≥ DN25 - DIN 11851 SMS DN38 Hygienic fittings ≥ DN25 - DIN11864-1-A Hygienic fittings ≥ DN40 - DIN11864-1-A Varivent N50-40 SMS DN25 Ingold connection PN10 Varivent F25	Hygienic fittings Clamp ≥ 2", DN50 - DIN32676, ISO2852 Clamp ≥ 1" - DIN32676, ISO2852 Clamp ≥ 1½" - DIN32676, ISO2852 Slotted nut ≥ 1½", ≥ DN40 - DIN 11851 Slotted nut ≥ DN25 - DIN 11851 Slotted nut ≥ DN32 - DIN 11851
Threaded connection ≥ G½, ≥ ½ NPT	Seal material EPDM FKM FFKM	Seal material EPDM FKM
Flange connection ≥ DN15, ≥ ½"	Housing material Plastic	Protection rating IP66/IP67 IP69
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	Protection rating IP66/IP67 IP65	Output Transistor (NPN/PNP) IO-Link
Seal material EPDM FKM FFKM	Output 4 ... 20 mA Three-wire (PNP/NPN, 4 ... 20 mA) IO-Link	Ambient temperature -40 ... 70 °C