



#### Reliable

Certified materials according to FDA and EC 1935/2004 regulations

#### Cost effective

Process instrumentation ensures continuous operation

#### User friendly

Simple setup and commissioning

## Storage tank for liquid foodstuffs

### Level measurement in storage tanks for liquid foodstuffs

In the food industry, liquid media such as glucose, fruit juice or syrup must always be kept in stock. To get them ready for the production process, some liquids must be either pre-cooled or pre-heated, while still in the storage tanks. This is done by means of a water-filled 'jacketed' container wall that can be either cooled or heated. To ensure uninterrupted production, a reliable level measurement is essential.

[More details](#)



### VEGABAR 82

Pressure transmitter for level measurement in storage tanks with liquid media

- Hygienic design with certified process fittings
- High system availability: low maintenance thanks to self-monitoring, wear-free CERTEC® measuring cell
- Reaction time only 80 ms: rapid level changes are easily detected

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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**

≥ 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