



### Reliable

Approved materials according to FDA and EC 1935/2004, as well as local certification

### Cost effective

Maintenance-free operation thanks to dry measuring cell

### User friendly

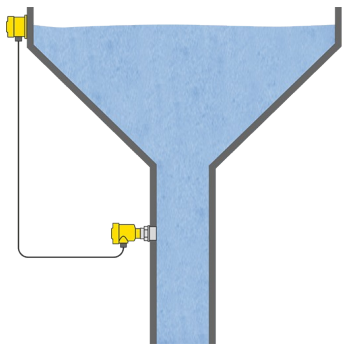
Wireless parameterization via Bluetooth communication

## Water tower

### Pressure measurement in a water tower

Water towers are used as storage facilities for drinking water and as pressure balancing tanks in the network of water supply pipelines. In order to keep the water level and thus the network pressure constant, the level in the water tower needs to be constantly maintained. The level of water is monitored by a pressure transmitter.

[More details](#)



### VEGABAR 82

Pressure transmitter for pressure monitoring in a water tower

- Front-flush diaphragm protects against contamination from microbes
- High long-term stability with ceramic CERTEC® measuring cell
- Robust instrumentation withstands even intensive cleaning

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### VEGADIS 81

External display and adjustment unit for plics® sensors

- User friendly display which can be used in accessible places
- Simple operation, graphically supported with clearly structured operating menu
- Easy connection directly to sensor without additional measures

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**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**
≥ G $\frac{1}{4}$ , ≥  $\frac{1}{4}$  NPT
**Flange connection**
≥ DN15, ≥  $\frac{1}{2}$ "
**Hygenic 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

**VEGADIS 81**  
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**Housing material**

Plastic  
 Aluminium  
 Stainless steel (precision casting)

**Protection rating**

IP66/IP67

**Ambient temperature**

-20 ... 70 °C

**Signal input (specify)**

pIcs sensor (serial)

**Signal output (specify)**

Display