

## Water tower

### 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

### 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.



### VEGABAR 82

Pressure transmitter for pressure monitoring in a water tower

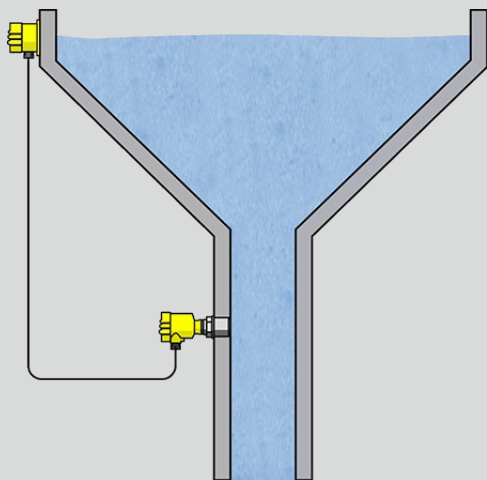
- Front-flush diaphragm protects against contamination from microbes
- High long-term stability with ceramic CERTEC® measuring cell
- Robust instrumentation withstands even intensive cleaning



### 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





VEGABAR 82	VEGADIS 81
Measuring range - Distance -	Housing material Plastic Aluminium Stainless steel (precision casting)
Measuring range - Pressure -1 ... 100 bar	Protection rating IP66/IP67
Process temperature -40 ... 150 °C	Ambient temperature -20 ... 70 °C
Process pressure -1 ... 100 bar	Signal input (specify) pIcs sensor (serial)
Accuracy 0.05 %	Signal output (specify) Display
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	