



Reliable

Reliable measurement independent of weather conditions

Cost effective

Maintenance-free operation

User friendly

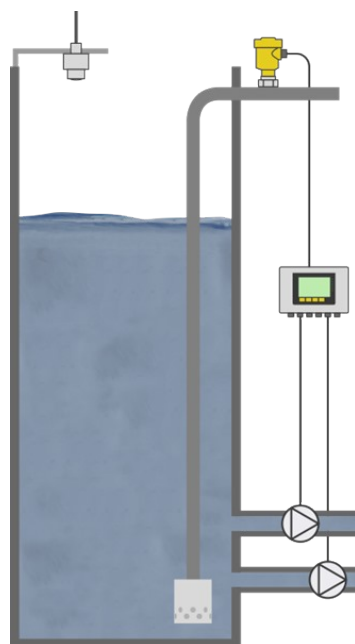
Simple installation and setup

Bank filtration

Level and pressure measurement of water from lake and river banks

Water obtained from wells adjacent to lakes and rivers is called bank filtration. The flowing water constantly seeps through the riverbed and mixes with the ground water. The level of water must be constantly monitored for an optimum extraction of water. The pump pressure is also monitored in the delivery line.

[More details](#)



VEGAPULS C 21

Non-contact level measurement with radar for pump measurement

- Accurate level monitoring unaffected by internal fixtures
- Materials approved for drinking water ensure a long service life
- Reliable measurement ensures optimal water extraction

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VEGABAR 82

Pressure transmitter for pump monitoring

- The water supply is secure thanks to reliable measurement
- Resistant to sand abrasion
- Monitoring of pump efficiency

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VEGAMET 861

Controller and display unit for pump control

- Universal controller for simple pump control
- Fast setup and commissioning thanks to simple menu navigation and application wizards

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BASIC	PRO	
VEGAPULS C 21 Show Product	VEGABAR 82 Show Product	VEGAMET 861 Show Product
		
Measuring range - Distance 15 m	Measuring range - Distance -	Protection rating IP66/IP67, Type 4X
Process temperature -40 ... 80 °C	Measuring range - Pressure -1 ... 100 bar	Input 1 x 4 ... 20 mA/HART sensor input 2x digital input
Process pressure -1 ... 3 bar	Process temperature -40 ... 150 °C	Output 1 x 0/4 ... 20 mA current output 1x failure relay (instead of operating relay) 4x operating relay
Accuracy ± 2 mm	Process pressure -1 ... 100 bar	Ambient temperature -40 ... 60 °C
Frequency 80 GHz	Accuracy 0.05 %	Measured value memory Internally SD card
Beam angle 8°	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)	
Materials, wetted parts PVDF		
Threaded connection G1½ / G1, 1½ NPT / 1 NPT, R1½ / R1		
Seal material FKM		
Protection rating IP66/IP68 (3 bar), Type 6P	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	