



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

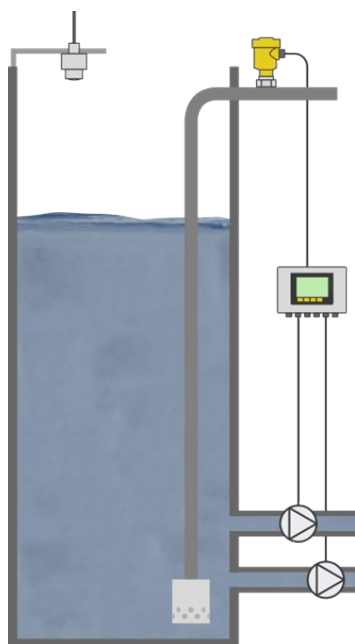
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Controller and display unit for pump control

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

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BASIC

PRO

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Measuring range - Distance
20 m

Process temperature
-40 ... 80 °C

Process pressure
-1 ... 3 bar

Accuracy
± 2 mm

Frequency
80 GHz

Beam angle
8°

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

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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
≥ G¼, ≥ ¼ 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

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Protection rating
IP66/IP67, Type 4X

Input
1 x 4 ... 20 mA/HART sensor input
2x digital input

Output
1 x 0/4 ... 20 mA current output
1x failure relay (instead of operating relay)
4x operating relay

Ambient temperature
-40 ... 60 °C

Measured value memory
Internally
SD card