



Reliable

Reliable measurement even with buildup

Cost effective

Optimal cleaning thanks to flush design

User friendly

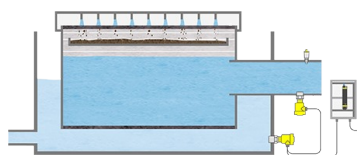
Configuration with smartphone or PC via wireless operation with Bluetooth

Filter system for coarse dirt

Differential pressure measurement and point level detection in filter systems

In on-shore facilities, reliable filtration ensures the required water quality. This is achieved through the use of mechanical drum and disc filters. They form a multi-stage system, where automatic flushing via jet nozzles is controlled by the water level in the tank. Besides a high water quality, the fish also need the right amount of oxygen in the water. After the water has been cleaned, the correct amount of oxygen is added to it via compressors. Throughout the entire process, a guaranteed flow of water with sufficient oxygen enrichment is essential and therefore ensured by reliable differential pressure measurement and limit level detection.

[More details](#)



VEGABAR 82

Electronic differential pressure measurement in filter systems

- Low costs for maintenance thanks to wear-free ceramic measuring cell
- Long-term stable and reliable thanks to moisture-proof measuring cell

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VEGAPOINT 24

Capacitive level switch as dry run protection

- Reliable switching point, insensitive to buildup
- Simple setup without adjustment
- 360° status display for quick and easy recognition of switching status

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PRO

BASIC

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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, ≥ $\frac{1}{2}$ "

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

Measuring range - Distance

-

Process temperature

-40 ... 115 °C

Process pressure

-1 ... 64 bar

Materials, wetted parts

316L
 PEEK

Threaded connection

G $\frac{1}{2}$

Hygienic fittings

Clamp ≥ 2", DN50 - DIN32676, ISO2852
 Clamp ≥ 1" - DIN32676, ISO2852
 Clamp ≥ 1 $\frac{1}{2}$ " - DIN32676, ISO2852

Protection rating

IP66/IP67
 IP69

Output

Transistor (NPN/PNP)
 IO-Link

Ambient temperature

-40 ... 70 °C