



### Reliable

Reliable measurement even with buildup

### Cost effective

Optimal cleaning thanks to flush design

### User friendly

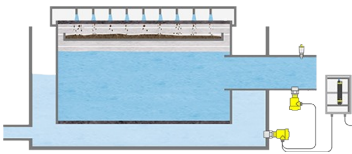
Configuration with smartphone or PC via wireless operation with Bluetooth

## 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

**VEGABAR 82**  
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**VEGAPOINT 24**  
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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