



### Reliable

Approved materials according to FDA and EC 1935/2004, as well as local certification

### Cost effective

Simple installation, with two sensors interconnected via a single cable

### User friendly

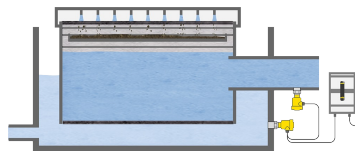
Multivariable sensor: differential pressure, static pressure and temperature

## Filter monitoring

### Monitoring of filters in drinking water supplies

The raw water is pumped from the lake into a tank. It is then filtered via a drum filter. In this process the water is separated and purified from any suspended matter and coarse impurities. An electronic differential pressure measuring instrument monitors the level of contamination of the filter. Cleaning of the filter is automatically triggered as soon as the threshold contamination is exceeded.

#### [More details](#)



### VEGABAR 82

Filter monitoring via electronic differential pressure measurement

- Long-term stability and reliability thanks to the use of moisture-proof measuring cell
- Integrated temperature sensor saves purchase of additional temperature measuring instruments
- Highly resistant to abrasive particles thanks to the ceramic CERTEC® measuring cell

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### VEGATRENN 141

Separator for the optimum supply of power to the connected sensors

- On-site diagnostics for direct display of status via LEDs
- Simple parametrization interface using the HART sockets for user-friendly operation
- Galvanic separation of sensors and PLC is secured

#### [Show Product](#)

**VEGABAR 82**  
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**VEGATRENN 141**  
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**Measuring range - Distance**

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**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**

≥ 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

**Protection rating**

IP20

**Input**

1 x 4 ... 20 mA/HART sensor input

**Output**

1 x 4 ... 20 mA

**Ambient temperature**

-20 ... 60 °C