



Reliable

Approved materials according to FDA and EC 1935/2004 regulations as well as country-specific approvals

Cost effective

Efficient cleaning of the filter during continuous operation

User friendly

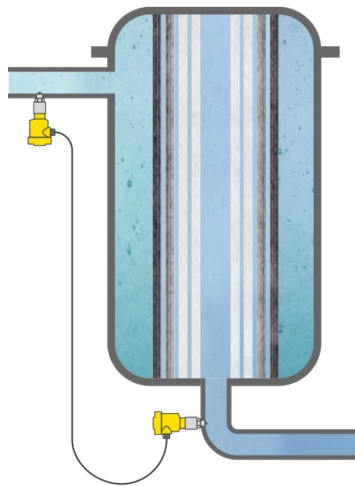
One measuring cell, three measured values:
Differential pressure, static pressure,
temperature

Ultrafiltration

Differential pressure measurement for filter monitoring

During seawater desalination, substances often have to be removed or separated from each other. One method for separation or precipitation is filtration. Superior product quality results only when the filter functions properly. For that reason it must be ensured at all times that the filter is performing adequately. This requires continuous monitoring of the filter.

[More details](#)



VEGABAR 82

Differential pressure measurement with electronic differential pressure system at the filter

- Long-term stable and reliable thanks to moisture-proof measuring cell
- High resistance to abrasive particles thanks to robust measuring cell
- Integrated temperature sensor saves purchasing additional temperature measuring instruments

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VEGABAR 82

[Show Product](#)**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