



Reliable

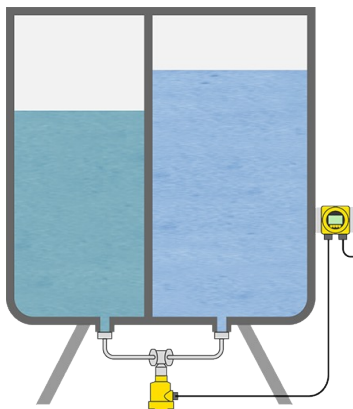
Approved materials according to FDA and EC 1935/2004, as well as local certification

Cost effective

Efficient cleaning of the filter is possible even during continuous operation

User friendly

Maintenance-friendly thanks to front-flush mounting



Osmosis filter

Differential pressure measurement in an osmosis filter

Sea water is pressed through a semi-permeable membrane under high pressure. The semi-permeable membrane allows only water molecules to seep through. Salts, bacteria and viruses are retained in the filter. The finished product is almost the same as distilled water. A differential pressure measurement is needed to monitor the level of contamination across the filter.

More details



VEGADIF 85

Differential pressure transmitter for measuring the level of contamination in the filter

- Highly accurate measurement of the smallest differential pressure
- High reliability with integrated overload diaphragm system
- Static pressure output also possible through integrated sensor for multi parameter measurement

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VEGADIS 81

External display and adjustment unit for 4 ... 20 mA HART sensors

- Simple voltage supply of display via the existing 4 ... 20 mA current loop
- Easy-to-read display in plain text with additional graphical support menu
- Simple operation via four buttons and a clearly structured menu

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Mounting bracket for VEGADIF

Mounting bracket for differential pressure transmitter

- Weatherproof and robust 304 stainless steel construction
- Simple wall or pipe mounting

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VEGADIF 85
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Measuring range - Pressure

-40 ... 40 bar

Process temperature

-40 ... 105 °C

Process pressure

-1 ... 400 bar

Accuracy

0.065 %

Materials, wetted parts

316L
 Alloy C276 (2.4819)
 Gold
 Superduplex (1.4410)

Threaded connection

¼ - 18 NPT

Flange connection

≥ DN32, ≥ 1½"

Seal material

EPDM
 FKM
 PTFE
 Copper

Housing material

Plastic
 Aluminium
 Stainless steel (precision casting)
 Stainless steel (electropolished)

Protection rating

IP66/IP68 (0,2 bar)
 IP66/IP67
 IP66/IP68 (1 bar)

VEGADIS 81
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Housing material

Plastic
 Aluminium
 Stainless steel (precision casting)

Protection rating

IP66/IP67

Ambient temperature

-20 ... 70 °C

Signal input (specify)

pIics sensor (serial)

Signal output (specify)

Display

Mounting bracket for VEGADIF
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