



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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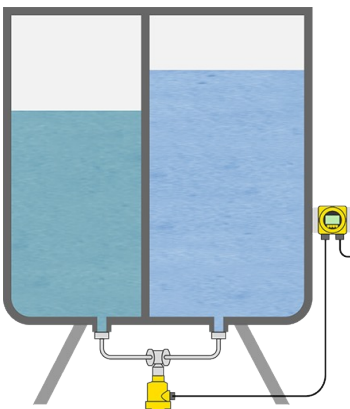


Mounting bracket for VEGADIF

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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VEGADIS 81
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Mounting bracket for VEGADIF
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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
 Tantalum
 Alloy C276 (2.4819)
 Monel

Threaded connection
 ¼ - 18 NPT

Flange connection
 ≥ DN32, ≥ 1½"

Seal material
 EPDM
 FKM
 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)

Housing material
 Plastic
 Aluminium
 Stainless steel (precision casting)

Protection rating
 IP66/IP67

Ambient temperature
 -20 ... 70 °C

Signal input (specify)
 plics sensor (serial)

Signal output (specify)
 Display