



### 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

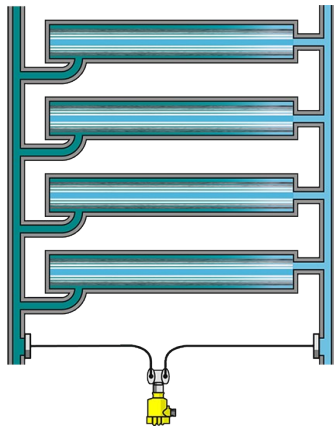
Maintenance friendly through front-flush mounting

## Reverse osmosis

### Differential pressure measurement in reverse osmosis

The seawater is forced through a semi-permeable diaphragm under high pressure. Only pure water molecules can pass through. Salts, bacteria and viruses are retained in the filter. The resulting water is almost like distilled water. Differential pressure measurement monitors the level of contamination of the filter.

[More details](#)



### VEGADIF 85

Differential pressure transmitter for measuring filter contamination

- Measurement of extremely small differential pressures through high precision measured value detection
- High reliability thanks to integrated overload diaphragm
- Multi-variable measurement via integrated sensor for measurement of static pressure

[Show Product](#)

**VEGADIF 85**  
[Show Product](#)



**Measuring range - Pressure**

-16 ... 16 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)