

#### Reliable

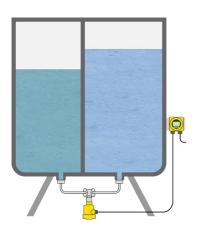
Approved materials according to FDA and EC 1935/2004, as well as local certification

#### 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

#### **Show Product**



#### **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

#### **Show Product**



### Mounting bracket for VEGADIF

Mounting bracket for differential pressure transmitter

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

#### **Show Product**



# **VEGADIF 85 Show Product**



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

1/4 - 18 NPT

Flange connection

≥ DN32, ≥ 1%"

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

Aluminium

Stainless steel (precision casting)

Protection rating

Ambient temperature

-20 ... 70 °C

Signal input (specify)

Signal output (specify)

Mounting bracket for VEGADIF **Show Product** 





Plastic

**VEGADIS 81** 

**Show Product** 

IP66/IP67

plics sensor (serial)

Display

