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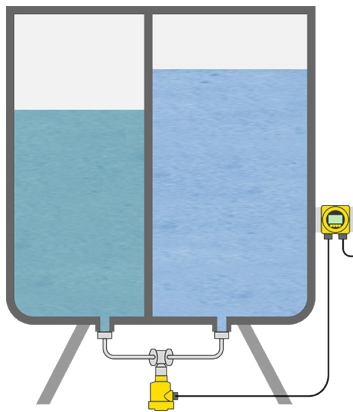
Approved materials according to FDA and EC 1935/2004 regulations as well as country-specific approvals

Cost effective

Efficient cleaning of the filter during continuous operation

User friendly

Maintenance friendly through front-flush mounting

Osmosis filter

Differential pressure measurement on the osmosis filter

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, which can be used for hydrogen electrolysis. 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

VEGADIS 81

External display and adjustment unit for 4 … 20 mA/HART sensors

- Simple display supply via existing 4 ... 20 mA current loop
- Easy-to-read display with plain text and graphics
- Simple operation via four keys and 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

VEGA HOME OF VALUES

VEGADIF 85	VEGADIS 81	Mounting bracket for VEGADIF
Show Product	Show Product	Show Product

VEGADIF 85

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, ≥ 1⅜"

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

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

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