



Reliable

Reliable protection even if pressure surges occur

Cost effective

Simple installation and fast electrical connection

User friendly

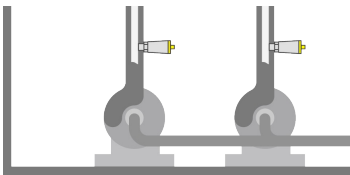
Maintenance-free operation

Feed line compressors

Pressure monitoring in the oxygen supply system

When rearing fish larvae to the young adult stage in onshore systems, the optimal amount of oxygen in the water is a necessary criterion for growth. To reliably and cost-efficiently monitor the compressors required for this, the feed lines carrying the oxygen-enriched water must be monitored for correct pressure. This way, the system can detect a malfunction or a drop in pressure immediately. Reliable operation allows the young fish to grow up healthily and stress-free.

[More details](#)



VEGABAR 28

Pressure sensor for monitoring the pump pressure

- High overload resistance even in case of pressure shocks and abrasion
- Ceramic measuring cell ensures long-term stability
- Wireless operation with smartphone, tablet or PC

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Measuring range - Pressure

-1 ... 60 bar

Process temperature

-40 ... 130 °C

Accuracy

0.3 %

Materials, wetted parts

PVDF
 Duplex (1.4462)
 Ceramic
 316/316L

Threaded connection
≥ G $\frac{1}{4}$, ≥ $\frac{1}{4}$ NPT
Hygienic fittings

Clamp ≥ 2" - DN50 - DIN32676, ISO2852
 Clamp ≥ 1" - DIN32676, ISO2852
 Clamp ≥ 1½" - DIN32676, ISO2852
 Slotted nut ≥ DN25 - DIN 11851
 Slotted nut ≥ DN32 - DIN 11851
 SMS 1145 DN51
 SMS DN38
 Hygienic fittings ≥ DN25 - DIN11864-1-A
 Hygienic fittings ≥ DN40 - DIN11864-1-A
 Varivent N50-40
 SMS DN25
 Ingold connection PN10
 Varivent F25

Seal material

EPDM
 FKM
 FFKM

Protection rating

IP65
 IP68 (0,5 bar)/IP69

Output

4 ... 20 mA
 Three-wire (PNP/NPN, 4 ... 20 mA)
 IO-Link

Ambient temperature

-40 ... 70 °C