



Reliable

High reliability thanks to robust ceramic measuring cell

Cost effective

Accurate measurement to protect pumps

User friendly

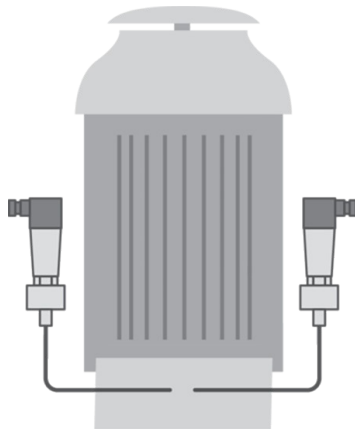
Simple setup and commissioning thanks to plug and play

Pumps in ballast water tanks

Monitoring of pump pressure in ballast water tanks

Ballast water is taken on board seagoing vessels to ensure the stability of the ship when sailing with little or no cargo. The water is stored in ballast water tanks. To monitor the function of the pumps, appropriate pressure measurements are employed – pump failure can thus be detected immediately.

[More details](#)



VEGABAR 28

Pressure measurement for monitoring pump pressure in ballast water tanks

- Reliable measurement thanks to robust ceramic measuring cell
- Easy installation thanks to compact design
- Reliable measured values despite constant vibration on the ship

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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

≥ G½, ≥ ½ NPT

Hygienic fittings

Clamp ≥ 2" - 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