



#### **Reliable**

High reliability thanks to robust ceramic measuring cell

#### **Cost effective**

Accurate measurement to protect pumps

#### **User friendly**

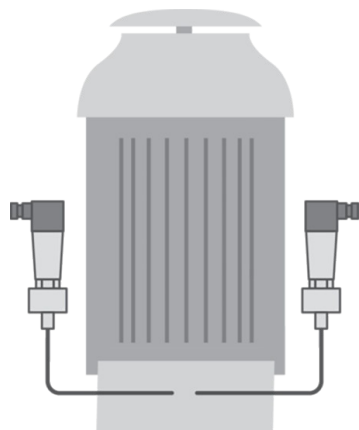
Simple setup and commissioning thanks to plug and play

## 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

[Show Product](#)

## VEGABAR 28

[Show Product](#)**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", 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