Reliable

Exact level measurement in abrasive and aggressive seawater

Cost effective

Low installation and integration costs
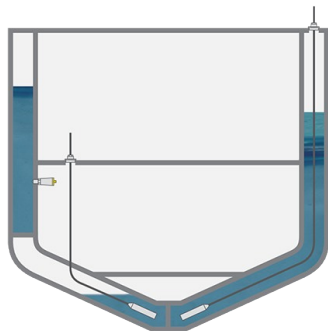
User friendly

Maintenance-free operation due to seawater resistant materials

Ballast water tanks

Level measurement in the forepeak, wing and double bottom tanks with ballast water

The ballast water measurements in the wing and double bottom tanks go directly into the control system for the ship trim, draught and list. Since these measuring points are virtually inaccessible during operation on board, reliability and stability are an absolute must. Pressure shocks, abrasive sand particles and seawater place additional heavy demands on the instrumentation.

More details

VEGAWELL 52

Hydrostatic submersible pressure transmitter for level measurement in the ballast water tank

- Reliable, durable and robust, seawater-resistant sensors
- Ceramic measuring cell for exact and long-term stable measurement, even with pressure shocks and abrasion
- Simple installation from above or the side

Show Product

VEGABAR 28

Hydrostatic pressure sensor for level measurement in the ballast water tank

- Reliable measurement, long service life
- User-friendly, wireless setup and diagnostics with smartphone
- Easy to install lateral mounting arrangement

Show Product

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VEGAWELL 52 Show Product	**VEGABAR 28** Show Product
Measuring range - Pressure 0 ... 60 bar	**Measuring range - Pressure** -1 ... 60 bar
Process temperature -20 ... 80 °C	**Process temperature** -40 ... 130 °C
Process pressure -	**Accuracy** 0.3 %
Accuracy 0.1 %	**Materials, wetted parts** PVDF Duplex (1.4462) Ceramic 316/316L
Materials, wetted parts PVDF 316L Duplex (1.4462) FEP PE 1.4301 Titanium	**Threaded connection** ≥ G½, ≥ ½ NPT
	Hygenic 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	**Seal material** EPDM FKM FFKM
Protection rating IP66/IP67 IP68	**Protection rating** IP65 IP68 (0,5 bar)/IP69
Output 4 … 20 mA Two-wire: 4 … 20 mA/HART	**Output** 4 … 20 mA Three-wire (PNP/NPN, 4 … 20 mA) IO-Link
Ambient temperature -40 ... 80 °C	**Ambient temperature** -40 ... 70 °C

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