



Reliable

Exact level measurement in abrasive and aggressive seawater

Cost effective

Low installation and integration costs

User friendly

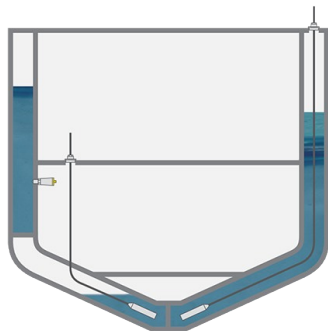
Maintenance-free operation due to seawater resistant materials

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

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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

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PRO

BASIC

VEGAWELL 52
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Measuring range - Pressure
0 ... 60 bar

Process temperature
-20 ... 80 °C

Process pressure
-

Accuracy
0.1 %

Materials, wetted parts
PVDF
316L
Duplex (1.4462)
FEP
PE
1.4301
Titanium

Seal material
EPDM
FKM
FFKM

Protection rating
IP66/IP67
IP68

Output
4 ... 20 mA
Two-wire: 4 ... 20 mA/HART

Ambient temperature
-40 ... 80 °C

VEGABAR 28
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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" - 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