



#### Reliable

Accurate and reliable level measurement in all ballast tanks

#### Cost effective

Maximised operational time via maintenance-free measurement technology

#### User friendly

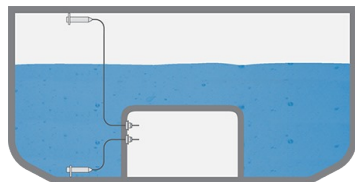
Simple installation in a service tunnel

## Heavy lifter

### Pressure and level measurement in the ballast water tanks of heavy lifters (Flo-Flo ship)

Flo-Flo (Float On/Float Off) ships are characterised by their large number of ballast water tanks. These make it possible to lower the ship until the main deck is below the waterline. This allows large floating loads to be loaded. The cargo is lifted out of the water and balanced by pumping out or blowing out the ballast water tanks. To avoid damage to the ballast water tanks from overpressure or underpressure, the internal tank pressures and levels require continuous monitoring.

[More details](#)



#### VEGAWELL 52

Pressure transmitter for measuring the internal pressure and the level in the ballast water tanks

- Ceramic-capacitive measuring cell is immune to pressure shocks, abrasion and particles suspended in the ballast water
- Long-term, high operational reliability through robust sensor with high protection class IP 68
- Sensor with fixed cable outlet allows easy planning and installation

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PRO

**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