



#### Reliable

Maximum safety for humans and the environment

#### Cost effective

Precise measurement in all the settling and service tanks

#### User friendly

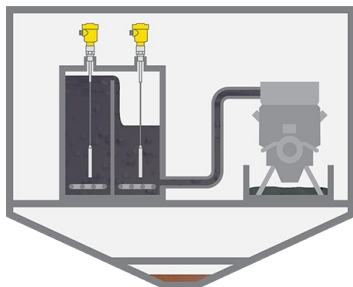
Maintenance-free and reliable operation

## HFO settling and service tank

### Level measurement in the settling and service tank in the engine room

To ensure fuel feed to the main engine, heavy fuel oil (HFO) is separated though first being pumped into a settling (buffer) tank. The following service tank or day tank, which is filled via a continuous overflow from the settling tank, directly supplies fuel into the main engine. Heating coils in both of these tanks maintain an even temperature between +75° C and +90° C. A reliable level measurement in these tanks guarantees continuous manoeuvrability of the ships.

[More details](#)



### VEGAFLEX 81

Level measurement with guided radar in the settling and service tanks

- Space saving mounting from the top
- Maintenance-free, continuous operation, as only stainless steel cable comes into contact with the hot, aggressive medium
- Reliable measurement in adhesive media

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**VEGAFLEX 81**[Show Product](#)**Measuring range - Distance**

75 m

**Process temperature**

-60 ... 200 °C

**Process pressure**

-1 ... 40 bar

**Accuracy**

± 2 mm

**Version**

Basic version for exchangeable cable ø 2; ø 4 mm  
 Basic version for exchangeable rod ø 8 mm  
 Basic version for exchangeable rod ø 12 mm  
 Coax version ø 21.3 mm for ammonia application  
 Coax version ø 21.3 mm with single hole  
 Coax version ø 21.3 mm with multiple hole  
 Coax version ø 42.2 mm with multiple hole  
 Exchangeable rod ø 8 mm  
 Exchangeable rod ø 12 mm  
 Exchangeable cable ø 2 mm with gravity weight  
 Exchangeable cable ø 4 mm with gravity weight  
 Exchangeable cable ø 2 mm with centering weight  
 Exchangeable cable ø 4 mm with centering weight  
 Exchangeable cable ø 4 mm without weight  
 exchangeable, PFA-coated cable ø4 mm with non-coated  
 centering weight

**Materials, wetted parts**

PFA  
 316L  
 Alloy C22 (2.4602)  
 Alloy 400 (2.4360)  
 Alloy C276 (2.4819)  
 Duplex (1.4462)  
 304L

**Threaded connection**

≥ G¾, ≥ ¾ NPT

**Flange connection**

≥ DN25, ≥ 1"

**Seal material**

EPDM  
 FKM  
 FFKM  
 Silicone FEP coated  
 Borosilicate glass

**Housing material**

Plastic  
 Aluminium  
 Stainless steel (precision casting)  
 Stainless steel (electropolished)