



Reliable

Maximum safety for humans and the environment

Cost effective

Precise measurement in all the settling and service tanks

User friendly

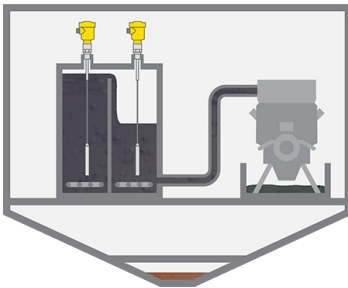
Maintenance-free and reliable operation

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)