



#### Reliable

Reliable measurement of the level

#### Cost effective

Maintenance-free measurement with high accuracy

#### User friendly

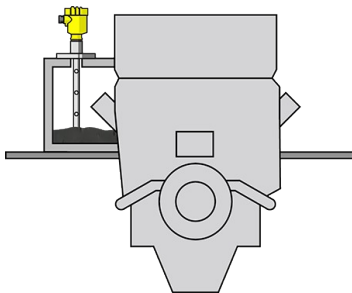
Reliable, continuous operation

## Oil feed tank

### Turbine oil feed tank level measurement

Turbines are highly complex systems in which lubricating oil plays an important role. The oil is used to ensure proper operation, to reduce maintenance costs to a minimum and to prevent turbine failure. Turbine oils are produced from high quality mineral oils that have special properties to reduce demulsification (separation of water) and air release. The level in the feed tank must be monitored to ensure that there is always enough oil available for lubrication.

[More details](#)



### VEGAFLEX 81

Level measurement with guided radar for reliable data on the oil level in the turbine

- Reliable, maintenance-free measurement
- High measurement certainty, even with heavy buildup
- Modern measuring technique guarantees high operational reliability

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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  $\varnothing$  2;  $\varnothing$  4 mm  
 Basic version for exchangeable rod  $\varnothing$  8 mm  
 Basic version for exchangeable rod  $\varnothing$  12 mm  
 Coax version  $\varnothing$  21.3 mm for ammonia application  
 Coax version  $\varnothing$  21.3 mm with single hole  
 Coax version  $\varnothing$  21.3 mm with multiple hole  
 Coax version  $\varnothing$  42.2 mm with multiple hole  
 Exchangeable rod  $\varnothing$  8 mm  
 Exchangeable rod  $\varnothing$  12 mm  
 Exchangeable cable  $\varnothing$  2 mm with gravity weight  
 Exchangeable cable  $\varnothing$  4 mm with gravity weight  
 Exchangeable cable  $\varnothing$  2 mm with centering weight  
 Exchangeable cable  $\varnothing$  4 mm with centering weight  
 Exchangeable cable  $\varnothing$  4 mm without weight  
 exchangeable, PFA-coated cable  $\varnothing$  4 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** $\geq G\frac{3}{4}$ ,  $\geq \frac{3}{4}$  NPT**Flange connection** $\geq DN25$ ,  $\geq 1"$ **Seal material**

EPDM  
 FKM  
 FFKM  
 Silicone FEP coated  
 Borosilicate glass

**Housing material**

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