



Reliable

Reliable measurement of the level

Cost effective

Maintenance-free measurement with high accuracy

User friendly

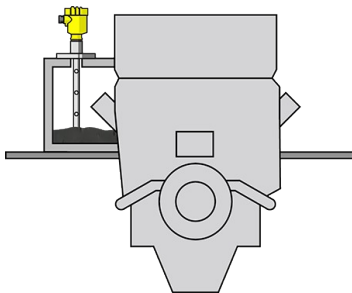
Reliable, continuous operation

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 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)