



Reliable

Reliable measurement unaffected by medium

Cost effective

Continuous operation of the power equipment is assured

User friendly

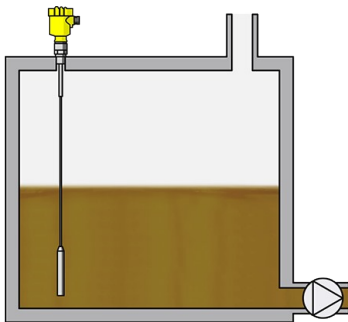
Simple installation

Hydraulic oil reservoir tank

Level measurement in the reservoir tank for hydraulic oil

The hydraulic oil used to transmit power circulates in a closed system. However, it is gradually lost due to lubrication points and leakages in the power equipment. To ensure optimum operation of the power equipment, the level in every hydraulic oil reservoir tank must be monitored for replenishment.

[More details](#)



VEGAFLEX 81

Level measurement with guided radar in the hydraulic oil reservoir tank

- Precise measurement, independent of media properties
- High measurement reliability even with buildup
- Simple setup and commissioning saves time

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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)