

Reliable

Reliable measurement of process water volume

Cost effective

Maintenance-free measurement with high accuracy

User friendly

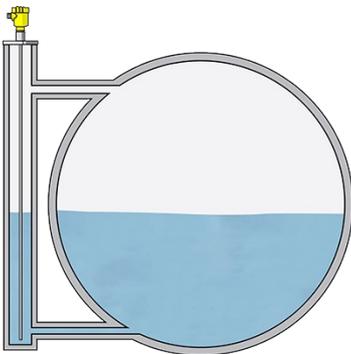
Simple mounting and setup

Heating condenser

Level measurement in the heat condenser

In the heating condenser, steam is used to provide energy for a district heating network. The outgoing temperature of the heating water is controlled by the prevailing weather conditions. As part of this system, level sensor mounted in a bypass tube measures level of the condensate.

[More details](#)



VEGAFLEX 81

The guided radar sensor measures the level of the condensate in a bypass tube

- High measurement certainty despite large temperature and pressure fluctuations, high temperatures and steam
- Easy retrofit to existing installations
- A variety of sensor designs for different installation conditions

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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)