



Reliable

Safe and reliable measurement even at extreme temperatures

Cost effective

Maintenance-free operation

User friendly

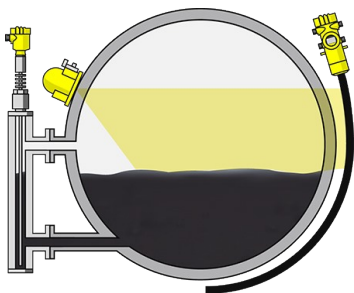
Easy installation

Reboiler

Level measurement in the reboiler

Evaporators are heat exchangers that are deployed at the bottom of distillation columns. In the evaporator, the residue is boiled up from the sump and fed back into the distillation process. Precise control of the level in the evaporator ensures efficient operation of the plant. A reliable measurement also ensures that the heating coils are always covered with liquid, to prevent any overheating incidents.

[More details](#)



VEGAFLEX 86

Level measurement with guided wave radar in the reboiler

- Reliable measurement unaffected by vapour presence and high temperatures
- Flexible mounting possibilities in the tank or in a bridle
- Robust material options are resistant to extreme process conditions

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FIBERTRAC 31

Radiation-based sensor for continuous level measurement in the reboiler

- Non-contact operation is unaffected by process temperature
- Lightweight detector eliminates need for cranes or special rigging
- Small bend radius of flexible detector mounts to vessel shape
- Cost savings, as no servicing of the measuring system is required

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PRO

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Measuring range - Distance
 75 m

Process temperature
 -196 ... 450 °C

Process pressure
 -1 ... 400 bar

Accuracy
 ± 2 mm

Version
 Coax version ø 21.3 mm with multiple hole
 Coax version ø 42.2 mm with single hole
 Coax version ø 42.2 mm with multiple hole
 Exchangeable rod ø 16 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

Materials, wetted parts
 316L
 Alloy C22 (2.4602)
 316

Threaded connection
 ≥ G¾, ≥ ¾ NPT

Flange connection
 ≥ DN25, ≥ 1"

Seal material
 FFKM
 graphit and ceramic

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

Measuring range - Distance
 7 m

Process temperature
 -

Process pressure
 -

Accuracy
 ± 0.5 %

Density
 Density

Materials, wetted parts
 No wetted material

Threaded connection
 Mounting from outside via supplied mounting brackets

Seal material
 no media contact

Housing material
 Aluminium
 Stainless steel (precision casting)

Protection rating
 IP66/IP67