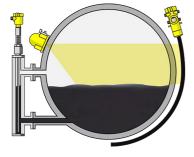


#### Reliable

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

#### **Show Product**

### **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

# **Show Product**



PRO	PRO
VEGAFLEX 86 Show Product	FIBERTRAC 31 Show Product
Measuring range - Distance	Measuring range - Distance
75 m	7 m
Process temperature -196 450 °C	Process temperature -
Process pressure -1 400 bar	Process pressure -
Accuracy	Accuracy
± 2 mm	± 0.5 %
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	Density Density
	Materials, wetted parts No wetted material
	Threaded connection Mounting from outside via supplied mounting brackets
Exchangeable cable ø 4 mm with centering weight Materials, wetted parts	Seal material         no media contact         Housing material         Aluminium         Stainless steel (precision casting)         Protection rating         IP66/IP67
316L Alloy C22 (2.4602) 316	
Threaded connection ≥ G¾, ≥ ¾ NPT	
Flange connection ≥ DN25, ≥ 1"	
Seal material FFKM graphit and ceramic	
<b>Housing material</b> Plastic Aluminium	

Aluminium

Stainless steel (precision casting)

Stainless steel (electropolished)

