



### Reliable

Measurement independent of changing process conditions

### Cost effective

Low maintenance requirements reduce downtime and costs

### User friendly

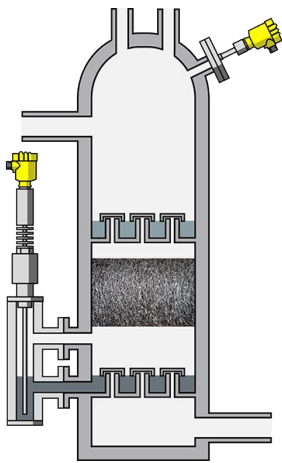
Broad range of process fittings allows easy retrofitting

## Amine contactor

### Level and pressure measurement of high pressure amine contactor

Amine contactors introduce amine solutions to the incoming natural gas from the inlet separator to remove acidic components, such as H<sub>2</sub>S and CO<sub>2</sub>, from the process stream. The operator must accurately monitor the amine collecting at the bottom of the contactor to ensure that the process is running efficiently.

[More details](#)



### VEGAFLEX 86

Continuous level measurement with guided wave radar in amine contactors

- Non-moving parts are immune to mechanical failure
- Robust mechanical construction is resistant to extreme process conditions
- Measures accurately unaffected by changing gravity, temperature or pressure

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### VEGABAR 81

Pressure transmitter for pressure monitoring in amine contactors

- Isolated diaphragm increases temperature resistance
- Tough diaphragm materials provide excellent chemical resistance
- Easy mechanical adaption thanks to large selection of flange and tube versions

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PRO

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### VEGAFLEX 86

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### VEGABAR 81

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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, ≥ ¼ 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**  
-

**Measuring range - Pressure**  
-1 ... 1000 bar

**Process temperature**  
-90 ... 400 °C

**Process pressure**  
-1 ... 1000 bar

**Accuracy**  
0.2 %  
0.1 %

**Materials, wetted parts**  
Alloy C22 (2.4602)  
Alloy 400 (2.4360)  
Tantalum  
Alloy C276 (2.4819)  
Duplex (1.4462)  
Titanium Grade 2 (3.7035)  
1.4435  
316/316L  
Titanium Grade 7 (3.7235)

**Threaded connection**  
≥ G½, ≥ ½ NPT

**Flange connection**  
≥ DN25, ≥ 1"

**Hygienic fittings**  
Clamp ≥ 1" - DIN32676, ISO2852  
Slotted nut ≥ 1½", ≥ DN40 - DIN 11851  
hygienic fitting with tension flange DN32  
hygienic fitting F40 with compression nut  
Hygienice flange connection ≥ DN50 DIN11864-2  
Hygienic fittings ≥ DN40 - DIN11864-1-A

**Seal material**  
no media contact