



#### Reliable

Measurement independent of changing process conditions

#### Cost effective

Low maintenance requirements reduce downtime and costs

#### User friendly

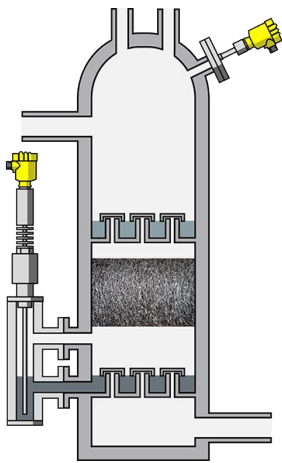
Broad range of process fittings allows easy retrofitting

## 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

PRO

**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, ≥ 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**  
 -

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

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

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

**Accuracy**  
 0.2 %

**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