



Reliable

Measurement independent of changing process conditions

Cost effective

Low maintenance requirements reduce downtime and costs

User friendly

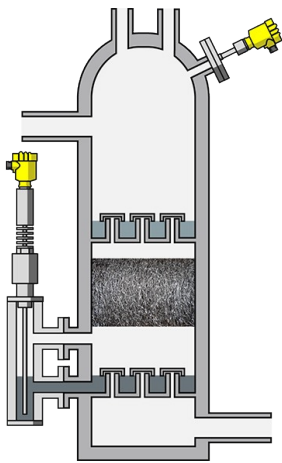
Broad range of process fittings allows easy retrofitting

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 H₂S and CO₂, 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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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)

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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