



Amine contactor

Reliable

Measurement independent of changing process conditions

Cost effective

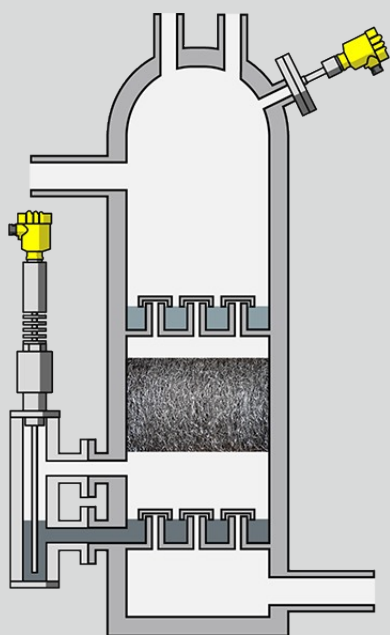
Low maintenance requirements reduce downtime and costs

User friendly

Broad range of process fittings allows easy retrofitting

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.



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



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



VEGAFLEX 86	VEGABAR 81
Measuring range - Distance 75 m	Measuring range - Distance -
Process temperature -196 ... 450 °C	Measuring range - Pressure -1 ... 1000 bar
Process pressure -1 ... 400 bar	Process temperature -90 ... 400 °C
Accuracy ± 2 mm	Process pressure -1 ... 1000 bar
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	Accuracy 0.2 %
Materials, wetted parts 316L Alloy C22 (2.4602) 316	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 ≥ G¾, ≥ ¾ NPT	Threaded connection ≥ G½, ≥ ½ NPT
Flange connection ≥ DN25, ≥ 1"	Flange connection ≥ DN25, ≥ 1"
Seal material FFKM graphit and ceramic	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
Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)	Seal material no media contact