



Reliable

Maximum safety for humans and the environment

Cost effective

Low installation costs with simple setup

User friendly

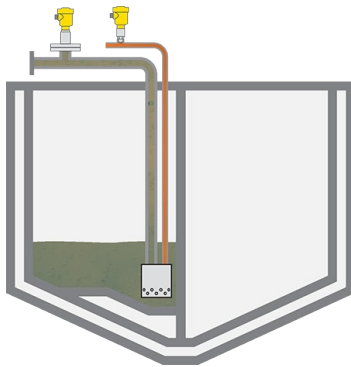
Maintenance-free, robust measurement technology

Manifold

Pressure measurement on the line interface during loading and unloading

Hose connecting stations, also known as manifolds, connect the pipes and hoses that are required for cargo loading and offloading on tankers. To ensure the safety of facilities on shore and on board, and to control the pumps, the pipeline pressures need to be closely monitored on the manifold. Reliable pressure transmitters are required to ensure safe loading or unloading operations.

[More details](#)



VEGABAR 82

Pressure transmitter for monitoring manifold and pipeline pressure

- Resistant to abrasive and aggressive media thanks to ceramic-capacitive CERTEC® measuring cell
- Optimal cleaning due to front-flush measuring cell
- Display and adjustment module PLICSCOM displays the pressure readings on site

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VEGABAR 83

Pressure transmitter for controlling feed pump output

- Robust strain gauge measuring cell for hydraulic pressures up to 1000 bar
- Reliable measurement, even with overpressure or underpressure
- Display and adjustment module PLICSCOM shows the pressure readings locally

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PRO

VEGABAR 82
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Measuring range - Distance

-

Measuring range - Pressure

-1 ... 100 bar

Process temperature

-40 ... 150 °C

Process pressure

-1 ... 100 bar

Accuracy

0.05 %

Materials, wetted parts

PVDF
 316L
 Alloy C22 (2.4602)
 PP
 1.4057
 1.4410
 Alloy C276 (2.4819)
 Duplex (1.4462)
 Titanium Grade 2 (3.7035)

Threaded connection

≥ G½, ≥ ½ NPT

Flange connection

≥ DN15, ≥ ½"

Hygienic fittings

Clamp ≥ 1" - DIN32676, ISO2852
 Slotted nut ≥ DN25 - DIN 11851
 hygienic fitting with tension flange DN32
 hygienic fitting F40 with compression nut
 DRD connection ø 65 mm
 SMS 1145 DN51
 SMS DN38
 Swagelok VCR screwing
 Varivent G125
 Varivent N50-40
 for NEUMO BioControl D50 PN16 / 316L

Seal material

EPDM
 FKM
 FFKM

PRO

VEGABAR 83
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Measuring range - Distance

-

Measuring range - Pressure

-1 ... 1000 bar

Process temperature

-40 ... 200 °C

Process pressure

-1 ... 1000 bar

Accuracy

0.075 %

Materials, wetted parts

316L
 Alloy C22 (2.4602)
 316Ti (1.4571)
 Alloy C4 (2.4610)

Threaded connection

≥ G½, ≥ ½ NPT

Flange connection

≥ DN25, ≥ 1"

Hygienic fittings

Slotted nut ≥ DN25 - DIN 11851
 Varivent ≥ DN25
 hygienic fitting with tension flange DN32
 Hygienice flange connection ≥ DN50 DIN11864-2
 SMS 1145 DN51
 SMS DN38
 Hygienic fittings ≥ DN33 - DIN11864-1-A
 Hyg. collar clamp adapter DN40PN40 DIN11864-3-A
 Hyg. clamp connection DIN11864-3-A; DN50 Rohr ø53
 Swagelok VCR screwing
 Varivent G125

Seal material

no media contact