

Reliable

Maximum safety for humans and the environment

Cost effective

Low installation costs with simple setup

User friendly

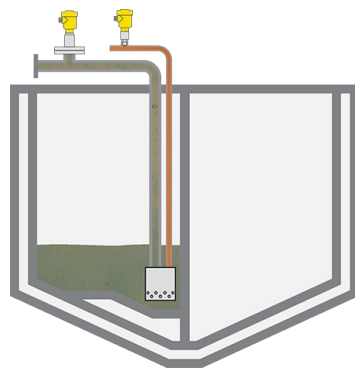
Maintenance-free, robust measurement technology

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 | PRO |
|--|---|
| VEGABAR 82 Show Product | VEGABAR 83 Show Product |
|  |  |
| Measuring range - Distance - | Measuring range - Distance - |
| Measuring range - Pressure -1 ... 100 bar | Measuring range - Pressure -1 ... 1000 bar |
| Process temperature -40 ... 150 °C | Process temperature -40 ... 200 °C |
| Process pressure -1 ... 100 bar | Process pressure -1 ... 1000 bar |
| Accuracy 0.05 % | Accuracy 0.075 % |
| 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) | Materials, wetted parts 316L Alloy C22 (2.4602) 316Ti (1.4571) Alloy C4 (2.4610) |
| Threaded connection ≥ G½, ≥ ½ NPT | Threaded connection ≥ G½, ≥ ½ NPT |
| Flange connection ≥ DN15, ≥ ½" | Flange connection ≥ DN25, ≥ 1" |
| 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 | 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 EPDM FKM FFKM | Seal material no media contact |