



**Reliable**

Maximum safety for humans and the environment

**Cost effective**

Low installation costs with simple setup

**User friendly**

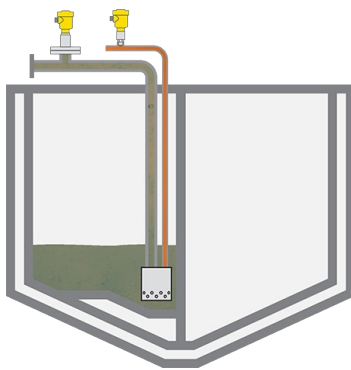
Maintenance-free, robust measurement technology

## 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

[Show Product](#)



#### 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

[Show Product](#)

PRO

**VEGABAR 82**  
[Show Product](#)



**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**  
[Show Product](#)



**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