



Reliable

Diverse technologies with comparative output can provide redundant level measurement

Cost effective

Materials with high chemical resistance reduce maintenance costs

User friendly

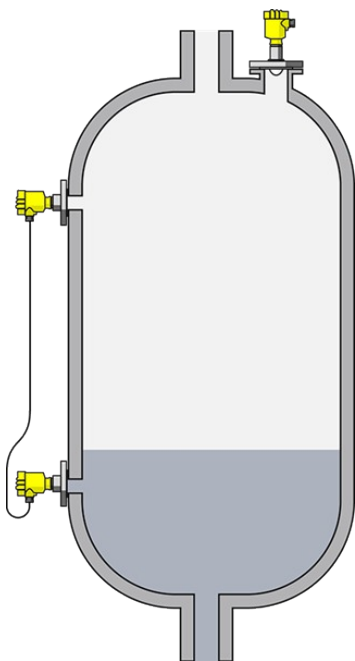
Easy installation and setup

Compressor knockout drum

Level measurement in the compressor knockout drum

The vapour liquid separation that occurs in a knockout drum protects the waste or cooling stream from process vapours and compressors from water. This crucial measurement point means it requires constant, reliable level monitoring without being influenced by the high volume of vapour inside the vessel. A reliable instrument ensures that there is no water carry-over into the compressor, avoiding the extremely expensive downtime that results from an upset.

[More details](#)



VEGAPULS 6X

Level measurement with radar in the compressor knockout drum

- Reliable measurement, unaffected by vapour presence
- Easy installation directly in the drum
- Unaffected by changing density

[Show Product](#)



VEGABAR 82

Electronic differential pressure system for measurement redundancy in the compressor knockout drum

- No additional temperature influences because no liquid capillary connection required
- Very good reproducibility and long-term stability
- High resistance diaphragm materials
- Easy installation because no insulation for capillary needed

[Show Product](#)

PRO

PRO

VEGAPULS 6X[Show Product](#)**Measuring range - Distance**

120 m

Process temperature

-196 ... 450 °C

Process pressure

-1 ... 160 bar

Accuracy

± 1 mm

Frequency

6 GHz

26 GHz

80 GHz

Beam angle

≥ 3°

Materials, wetted parts

PTFE

PVDF

316L

PP

PEEK

Threaded connection

≥ G¾, ≥ ¾ NPT

Flange connection

≥ DN20, ≥ ¾"

Hygienic fittings

Clamp ≥ 1½" - DIN32676, ISO2852

Slotted nut ≥ 2", DN50 - DIN 11851

Varivent ≥ DN25

hygienic fitting with tension flange DN32

hygienic fitting F40 with compression nut

Hygienic screw connections ≥ DN50 tube ø53 -

DIN11864-1-A

Hygienic flange connection ≥ DN50 DIN11864-2

Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-

3-A

DRD connection ø 65 mm

SMS 1145 DN51

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

≥ G¾, ≥ ¾ 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