



Reliable

High measuring accuracy despite low dielectric constants

Cost effective

Maintenance-free operation

User friendly

Easy installation and setup

Propane storage in bullets and spheres

Level measurement and pressure monitoring of liquefied gases in storage

Propane, a flammable, colourless and odourless gas, is one of the many types of liquefied petroleum gases (LPG) that exist. It is produced from natural gas via a special refining process. Propane is compressed, liquefied and stored in pressure vessels so that it does not return to a gaseous state. To ensure optimal storage, reliable level measurement is required.

[More details](#)



VEGABAR 83

Pressure transmitter for pressure monitoring in spherical tanks

- Universally applicable, fully welded measuring cells for direct connection to process
- A variety of process fittings always enables an appropriate adaptation to the container
- SIL conformity in accordance with IEC 61508, in a single-channel architecture up to SIL2 and in a multi-channel architecture up to SIL3
- Extremely robust measuring cells of Alloy, for higher safety during operation

[Show Product](#)





VEGAPULS 6X

Level measurement with radar in spherical tanks

- Maintenance-free operation thanks to non-contact measuring principle
- High measuring accuracy even with low dielectric constants
- Very narrow signal focusing even in large measuring ranges
- The sensor is simple and easy to replace thanks to cut-off valve and isolation from process

[Show Product](#)

PRO	PRO
VEGABAR 83 Show Product	VEGAPULS 6X Show Product
	
Measuring range - Distance -	Measuring range - Distance 120 m
Measuring range - Pressure -1 ... 1000 bar	Process temperature -196 ... 450 °C
Process temperature -40 ... 200 °C	Process pressure -1 ... 160 bar
Process pressure -1 ... 1000 bar	Accuracy ± 1 mm
Accuracy 0.075 %	Frequency 6 GHz 26 GHz 80 GHz
Materials, wetted parts 316L Alloy C22 (2.4602) 316Ti (1.4571) Alloy C4 (2.4610)	Beam angle ≥ 3°
Threaded connection ≥ G½, ≥ ½ NPT	Materials, wetted parts PTFE PVDF 316L PP PEEK
Flange connection ≥ DN25, ≥ 1"	Threaded connection ≥ G¾, ≥ ¾ NPT
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	Flange connection ≥ DN20, ≥ ¾"
Seal material no media contact	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 Hygienice flange connection ≥ DN50 DIN11864-2 Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-3-A DRD connection ø 65 mm SMS 1145 DN51