

Reliable

Reliable measurement solution for adhesive media

Cost effective

Accurate measurement of the tank contents, regardless of medium and degree of contamination

User friendly

Maintenance-free and reliable operation



Cargo tank in a bitumen tanker

Level measurement and point level detection in the cargo tanks of a bitumen tanker

Bitumen is transported at temperatures of around 170 °C to 190 °C. The heating is supplied via an array of multi-layered heating tubes mounted on the floor and sides of the tanks. To ensure efficient utilisation of the tanks as well as a safe ship attitude, the levels in the bitumen tanks require accurate monitoring, particularly during loading and unloading.

More details



VEGACAP 64

Capacitive point level detection for overfill protection in the bitumen tank

- Proven, robust measuring principle, unaffected by high temperatures and buildup
- Reliable switch point allows optimum utilization of the tank volume

Show Product

VEGAPULS 6X

Radar sensor for non-contact level measurement in the bitumen tank

- · Ideal for hot and adhesive media thanks to contactless measuring principle
- Front-flush antenna delivers precise measurement data even with heavy buildup
- High accuracy in all measuring situations
- Reliable measurement down to the bottom, even in difficult installation conditions thanks to the good focusing of 80 GHz technology

Show Product



PRO	PRO
VEGACAP 64 Show Product	VEGAPULS 6X Show Product
Measuring range - Distance -	Measuring range - Distance 120 m
Process temperature -50 200 °C	Process temperature -196 450 °C
Process pressure -1 64 bar	Process pressure -1 160 bar
Version PTFE insulation	Accuracy ± 1 mm
Materials, wetted parts PTFE 316L Alloy C22 (2.4602) Steel C22.8	Frequency 6 GHz 26 GHz 80 GHz
Threaded connection ≥ G¾, ≥ ⅔ NPT	Beam angle ≥ 3°
Flange connection ≥ DN25, ≥ 1" Seal material no media contact	Materials, wetted parts PTFE PVDF 316L PP PEEK
Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)	Threaded connection ≥ G ³ / ₄ , ≥ ³ / ₄ NPT
	Flange connection ≥ DN20, ≥ ¾"
Protection rating IP66/IP68 (0,2 bar) IP66/IP67 IP66/IP68 (1 bar)	Hygenic fittingsClamp $\geq 1\frac{1}{2}$ " - DIN32676, ISO2852Slotted nut ≥ 2 ", DN50 - DIN 11851Varivent \geq DN25hygienic fitting with tension flange DN32hygienic fitting F40 with compression nutHygienic screw connections \geq 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

