



Bitumen tank

Reliable

Reliable measurement and detection even at high temperatures

Cost effective

Optimal utilization of storage capacity

User friendly

Simple setup and commissioning

Level measurement and point level detection in bitumen tanks

Bitumen is an important ingredient in asphalt production. It binds stone aggregates together to form the finished asphalt. To enable cost-effective asphalt production, reliable level measurement and overflow protection in the storage tank is required.



VEGABAR 83

Hydrostatic pressure transmitter for level measurement in bitumen tanks

- Unaffected by foaming
- Simple setup without filling



VEGACAP 64

Capacitive level switch for high level overflow protection in bitumen tanks

- Reliable switching even with heavy buildup
- Long service life thanks to robust construction
- Simple to set up, low maintenance



VEGABAR 83	VEGACAP 64
Measuring range - Distance -	Process temperature -50 ... 200 °C
Measuring range - Pressure -1 ... 1000 bar	Process pressure -1 ... 64 bar
Process temperature -40 ... 200 °C	Version PTFE insulation
Process pressure -1 ... 1000 bar	Materials, wetted parts PTFE 316L Alloy C22 (2.4602) Alloy 400 (2.4360) Steel C22.8
Accuracy 0.075 %	Threaded connection ≥ G ³ / ₄ , ≥ ¹ / ₂ NPT
Materials, wetted parts 316L Alloy C22 (2.4602) 316Ti (1.4571) Alloy C4 (2.4610)	Flange connection ≥ DN25, ≥ 1"
Threaded connection ≥ G ¹ / ₂ , ≥ ¹ / ₂ NPT	Seal material no media contact
Flange connection ≥ DN25, ≥ 1"	Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)
Hygienic fittings Clamp ≥ 1" - DIN32676, ISO2852 Slotted nut ≥ DN25 - DIN 11851 Varivent ≥ DN25 hygienic fitting with tension flange DN32 Hygienic 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	Protection rating IP 66/IP 68 (0.2 bar) IP 66/IP 67 IP 66/IP 68 (1 bar)
Seal material EPDM FKM FFKM FEPM	Output Relay (DPDT) Contactless electronic switch Transistor (NPN/PNP) Two-wire