



Reliable

Reliable measurement and detection even at high temperatures

Cost effective

Optimal utilization of storage capacity

User friendly

Simple setup and commissioning

Bitumen tank

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.

[More details](#)



VEGABAR 83

Hydrostatic pressure transmitter for level measurement in bitumen tanks

- Unaffected by foaming
- Simple setup without filling

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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

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VEGABAR 83

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Measuring range - Distance

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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
≥ G $\frac{1}{2}$, ≥ $\frac{1}{2}$ 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

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VEGACAP 64

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Measuring range - Distance

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Process temperature

-50 ... 200 °C

Process pressure

-1 ... 64 bar

Version

PTFE insulation

Materials, wetted parts

PTFE
 316L
 Alloy C22 (2.4602)
 Steel C22.8

Threaded connection
≥ G $\frac{3}{4}$, ≥ $\frac{3}{4}$ NPT
Flange connection

≥ DN25, ≥ 1"

Seal material

no media contact

Housing material

Plastic
 Aluminium
 Stainless steel (precision casting)
 Stainless steel (electropolished)

Protection rating

IP66/IP68 (0,2 bar)
 IP66/IP67
 IP66/IP68 (1 bar)