



#### 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**

-

**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**

-

**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)