



### Reliable

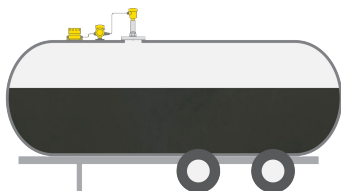
High availability via mobile inventory monitoring

### Cost effective

Savings in fuel and operating costs through optimal logistics

### User friendly

Automated supply chain via continuous, maintenance-free inventory monitoring



## Mobile storage tanks

### Dependable remote monitoring of mobile storage tanks

Safe filling and timely routing of tanker trucks is essential for reliable bitumen supply. The medium is hot and viscous and places high demands on both handling and safety. Accurate level measurement, in combination with wireless data transmission to a central location, guarantees optimal automatic refilling of these mobile containers.

#### More details



#### VEGAPULS 6X

Level measurement with radar in mobile storage tanks

- Reliable measurement independent of bitumen consistency and temperature
- High accuracy thanks to very good signal focusing
- Linearization and volume calculation directly in the sensor

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#### PLICSMOBILE T81

External radio unit for HART sensors

- Continuous transmission of measured values and position (GPS) via mobile telephone network
- Simple, wireless remote diagnostics and remote maintenance
- Stand-alone measurement via battery or accumulator powered PLICSMOBILE B81

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#### VEGA Inventory System

Software for data acquisition and visualization of level data

- Easy access to live data around the clock
- Accurate, up-to-date information on tank levels
- Simplified management through wide range of functions
- Fully automatic and timely notification of re-supply requirements
- Increased security of supply

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### VEGAPULS 6X

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**Measuring range - Distance**  
120 m

**Process temperature**  
-196 ... 450 °C

**Process pressure**  
-1 ... 160 bar

**Accuracy**  
± 1 mm

**Frequency**  
6 GHz  
26 GHz  
80 GHz

**Beam angle**  
≥ 3°

**Materials, wetted parts**  
PTFE  
PVDF  
316L  
PP  
PEEK

**Threaded connection**  
≥ G¾, ≥ ¾ NPT

**Flange connection**  
≥ DN20, ≥ ¾"

**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  
Hygienic flange connection ≥ DN50 DIN11864-2  
Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-  
3-A  
DRD connection ø 65 mm  
SMS 1145 DN51

### PLICSMOBILE T81

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**Housing material**  
Plastic  
Aluminium  
Stainless steel (precision casting)

**Protection rating**  
IP66

**Input**  
up to 15 HART-capable sensors  
up to 5 sensors with Ex applications (with transmitter  
power supply and passive)

### VEGA Inventory System

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