



Mobile storage tanks

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

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.



VEGAPULS 64

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



PLICSMOBILE T81

External radio unit for HART sensors

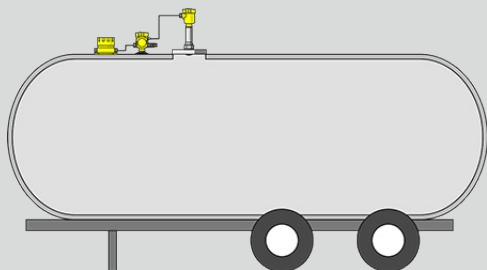
- Continuous transmission of measured values and position (GPS) via mobile telephone network
- Simple, wireless remote diagnostics and remote maintenance
- Stand-alone measurement via battery or accumulator powered PLICSMOBILE B81



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





VEGAPULS 64	PLICSMOBILE T81	VEGA Inventory System
Measuring range - Distance 30 m	Housing material Plastic Aluminium Stainless steel (precision casting)	
Process temperature -196 ... 200 °C	Protection rating IP66	
Process pressure -1 ... 25 bar	Input up to 15 HART-capable sensors up to 5 sensors with Ex applications (with transmitter power supply and passive)	
Accuracy ± 1 mm		
Frequency 80 GHz		
Beam angle ≥ 3°		
Version with plastic horn antenna ø 80 mm Thread with integrated horn antenna Flange with encapsulated antenna system Hygienic fitting with encapsulated antenna system		
Materials, wetted parts PFA PTFE 316L Alloy C22 (2.4602) PEEK		
Threaded connection ≥ G¾, ≥ ¾ NPT		
Flange connection ≥ DN50, ≥ 2"		