



### Reliable

Security of supply, thus no construction delays due to lack of diesel fuel

### Cost effective

Optimisation of the logistics and procurement process thanks to reliable measurement

### User friendly

No external power supply required for the sensor

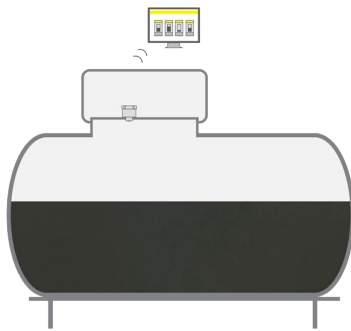
## Mobile diesel tanks

### Level measurement in mobile diesel tanks

Diesel is stored in tanks on construction sites to supply the construction vehicles with fuel directly on site.

A sufficient supply of diesel fuel is essential for optimal construction site operation. Exact level measurement, in combination with wireless data transmission to a central location, ensures automatic, optimal provisioning of mobile containers at all times.

[More details](#)



### VEGA Inventory System

Software for data acquisition and visualisation of level data

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

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### VEGAPULS Air 41

Autarkic radar sensor for non-contact level measurement in diesel tanks

- Reliable measured values guarantee an optimal logistics process
- Easy installation thanks to independent power supply and wireless technology
- Maintenance-free operation through non-contact 80-GHz radar technology

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AIR

**VEGA Inventory System**  
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**VEGAPULS Air 41**  
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**Measuring range - Distance**  
15 m

**Process temperature**  
-20 ... 60 °C

**Process pressure**  
-1 ... 2 bar

**Accuracy**  
± 2 mm

**Frequency**  
80 GHz

**Beam angle**  
8°

**Materials, wetted parts**  
PVDF

**Threaded connection**  
G1½, 1½ NPT, R1½

**Seal material**  
FKM

**Housing material**  
Plastic