



## Trip tank

### Reliable

Reliable measurement, independent of the characteristics of the drilling mud

### Cost effective

Maintenance-free and accurate determination of mud usage

### User friendly

Simple installation and setup

### Level measurement in the trip tank

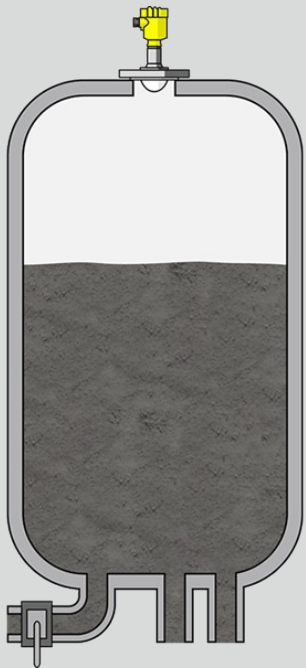
The drilling mud flowing back under high pressure from the drilling well is held and monitored in the trip tank. This drilling mud is contaminated with sea water, rocks and sand. In addition to materials like rocks and sand, residues of oil and gas are also present. The built-in level measuring system provides feedback about down-well conditions, basic data for comparing the quantity of drilling mud fed into the wellbore with that returned, as well as regulating mud production.



### VEGAPULS 64

Level measurement with radar in the trip tank

- Reliable measurement ensured even with varying drilling mud composition
- Exact measuring results, independent of pressure, temperature and gas
- Maintenance-free operation thanks to non-contact measurement method





## VEGAPULS 64

### Measuring range - Distance

30 m

### Process temperature

-196 ... 200 °C

### Process pressure

-1 ... 25 bar

### 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"