



#### 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

## Trip tank

### 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.

[More details](#)



### VEGAPULS 6X

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

[Show Product](#)

**VEGAPULS 6X**[Show Product](#)**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