

Reliable

Reliable measurement despite rough conditions

Cost effective

Maintenance-free operation even in adhesive media

User friendly

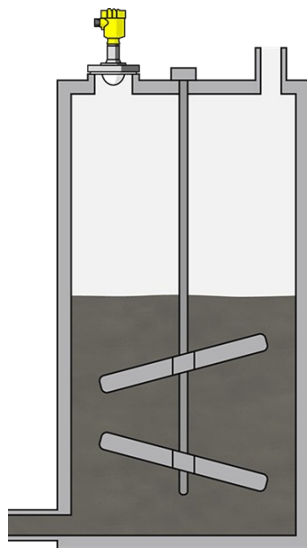
Simple installation thanks to small antenna systems

Mud tank level

Level measurement in mud tanks

In the mud tanks, agitators or jet nozzles stir and mix the mud to ensure a homogeneous mixture. To enable a continuous process, the level measurement must be reliable and independent of the composition of the drilling mud.

[More details](#)



VEGAPULS 6X

Non-contact level measurement with radar in mud tanks

- High measurement accuracy, independent of the properties of the medium
- Strong signal focusing ensures reliable measurement even with an agitator
- Continuous, maintenance-free operation despite heavy soiling

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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