

## Reliable

Precise measurement protects the drilling equipment

## Cost effective

Continuous, wear-free operation

## User friendly

Simple setup and commissioning

## Mud flow return line

## Drilling mud pipe flow measurement

The drilling mud flowing back from the drilling contains large amounts of solids. To avoid clogging in these pipes and the associated damage to the drill head and loss of production, a reliable monitoring of the entire mud return system is essential.

More details


## VEGAPULS 62

Non-contact detection of clogging with radar in the mud flow return lines

- High measuring accuracy, independent of the physical properties of the drilling mud
- Mud flow uninterrupted, as sensor is installed outside the pipe
- Wear-free operation thanks to non-contact measuring method

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## Show Product

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Measuring range - Distance
35 m
Process temperature
-196 ... $450^{\circ} \mathrm{C}$
Process pressure
-1 ... 160 bar

## Accuracy

$\pm 2 \mathrm{~mm}$
Frequency
26 GHz

Beam angle
$\geq 3^{\circ}$

## Version

for separate horn antenna
with $1 / 2$ " standpipe
with horn antenna $\varnothing 40 \mathrm{~mm}$ with horn antenna ø 48 mm with horn antenna ø 75 mm with horn antenna ø 95 mm with parabolic antenna ø 245 mm

Materials, wetted parts
316L
Alloy C22 (2.4602)
1.4848

Alloy 400 (2.4360)
Threaded connection
G1½, $11 / 2$ NPT

Flange connection
$\geq$ DN50, $\geq 2$ "

