



#### **Reliable**

Precise measurement protects the drilling equipment

#### **Cost effective**

Continuous, wear-free operation

#### **User friendly**

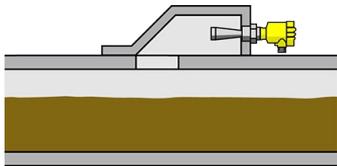
Simple setup and commissioning

## 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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PRO

**VEGAPULS 62**  
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**Measuring range - Distance**  
35 m

**Process temperature**  
-196 ... 450 °C

**Process pressure**  
-1 ... 160 bar

**Accuracy**  
± 2 mm

**Frequency**  
26 GHz

**Beam angle**  
≥ 3°

**Version**  
for separate horn antenna  
with ½" standpipe  
with horn antenna ø 40 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, 1½ NPT

**Flange connection**  
≥ DN50, ≥ 2"