



#### Reliable

Reliable measurement, independent of the process conditions

#### Cost effective

Ensures effective processing of the drilling mud

#### User friendly

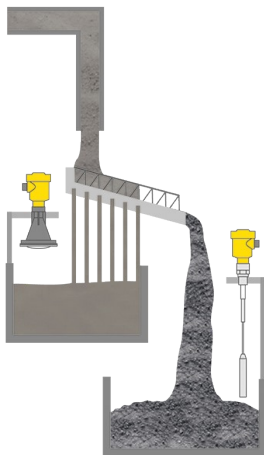
Simple installation and setup from above

## Shaker

### Level measurement and point level detection in the shaker

Through the effects of strong vibration in the shaker, the liquid and solid components of the drilling mud returning from the borehole are separated from each other. The drilled rock and the sand are disposed of and the valuable drilling mud is fed back into the continuous drilling process. Level measurement and point level detection are absolutely necessary for effective processing of the drilling mud in the shaker.

[More details](#)



#### VEGAPULS 6X

Non-contact level measurement with radar in the shaker

- Accurate measurement, independent of media properties
- Reliable measurement, unaffected by vibration and buildup
- High equipment availability, as wear and maintenance-free

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#### VEGACAP 65

Capacitive level switch for point level detection in the shaker

- Long service life thanks to robust mechanical construction
- Reliable switching point ensured by large gravity weight
- Maintenance-free operation, as non-sensitive to soiling

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PRO	PRO
<b>VEGAPULS 6X</b> <a href="#">Show Product</a>	<b>VEGACAP 65</b> <a href="#">Show Product</a>
	
<b>Measuring range - Distance</b> 120 m	<b>Measuring range - Distance</b> -
<b>Process temperature</b> -196 ... 450 °C	<b>Process temperature</b> -50 ... 200 °C
<b>Process pressure</b> -1 ... 160 bar	<b>Process pressure</b> -1 ... 64 bar
<b>Accuracy</b> ± 1 mm	<b>Version</b> Cable ø 6 mm with screening tube without weight Cable ø 6 mm with screening tube and gravity weight Cable ø 6 mm with gravity weight Cable ø 8 mm with abrasion protection without weight Cable ø 8 mm with abrasion protection and gravity weight Cable ø 8 mm with gravity weight PA cable ø 12 mm with screening tube and gravity weight
<b>Frequency</b> 6 GHz 26 GHz 80 GHz	<b>Materials, wetted parts</b> PTFE 316L PA PEEK Steel
<b>Beam angle</b> ≥ 3°	<b>Threaded connection</b> ≥ G1, ≥ 1 NPT
<b>Materials, wetted parts</b> PTFE PVDF 316L PP PEEK	<b>Flange connection</b> ≥ DN50, ≥ 2"
<b>Threaded connection</b> ≥ G¾, ≥ ¾ NPT	<b>Housing material</b> Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)
<b>Flange connection</b> ≥ DN20, ≥ ¾"	<b>Protection rating</b> IP66/IP68 (0,2 bar) IP66/IP67 IP66/IP68 (1 bar)
<b>Hygienic fittings</b> 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	<b>Output</b> Relay (DPDT) Contactless electronic switch Transistor (NPN/PNP) Two-wire