



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

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

VEGACAP 65[Show Product](#)**Measuring range - Distance**

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Process temperature

-50 ... 200 °C

Process pressure

-1 ... 64 bar

Version

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

Materials, wetted parts

PTFE

316L

PA

PEEK

Steel

Threaded connection

≥ G1, ≥ 1 NPT

Flange connection

≥ DN50, ≥ 2"

Housing material

Plastic

Aluminium

Stainless steel (precision casting)

Stainless steel (electropolished)

Protection rating

IP66/IP68 (0,2 bar)

IP66/IP67

IP66/IP68 (1 bar)

Output

Relay (DPDT)

Contactless electronic switch

Transistor (NPN/PNP)

Two-wire