

#### Reliable

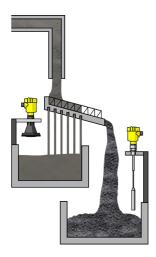
Reliable measurement, independent of the process conditions

# 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

# **Show Product**

### **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

#### **Show Product**



PRO	PRO
VEGAPULS 6X	VEGACAP 65
Show Product	Show Product
Measuring range - Distance	Measuring range - Distance
120 m	-
Process temperature	Process temperature
-196 450 °C	-50 200 °C
Process pressure	Process pressure
-1 160 bar	-1 64 bar
Accuracy ± 1 mm	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         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
Frequency 6 GHz 26 GHz 80 GHz	
Beam angle ≥ 3°	Materials, wetted parts
Materials, wetted parts	PTFE
PTFE	316L
PVDF	PA
316L	PEEK
PP	Steel
PEEK Threaded connection	Threaded connection ≥ G1, ≥ 1 NPT
≥ G¾, ≥ ¼ NPT	Flange connection
Flange connection	≥ DN50, ≥ 2"
≥ DN20, ≥ ¾"	Housing material Plastic
Hygenic fittings Clamp ≥ 1½" - DIN32676, ISO2852 Slotted nut ≥ 2", DN50 - DIN 11851 Varivent ≥ DN25	Aluminium Stainless steel (precision casting) Stainless steel (electropolished)
hygienic fitting with tension flange DN32	Protection rating
hygienic fitting F40 with compression nut	IP66/IP68 (0,2 bar)
Hygienic screw connections ≥ DN50 tube ø53 -	IP66/IP67
DIN11864-1-A	IP66/IP68 (1 bar)
Hygienice flange connection ≥ DN50 DIN11864-2	Output
Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-	Relay (DPDT)
3-A	Contactless electronic switch
DRD connection ø 65 mm	Transistor (NPN/PNP)
SMS 1145 DN51	Two-wire

