

#### Reliable

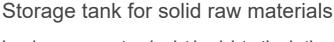
Reliable measurement under rough conditions

## **Cost effective**

Maintenance-free operation despite the presence of abrasive and adhesive products

User friendly Simple installation and setup





# Level measurement and point level detection in the storage tank for solid raw materials

The solid raw materials such as gravel, clay, barite, cement and binders are essential for creating the different properties of the drilling mud. These materials are stored for mud production in storage tanks. To ensure optimal storage, reliable level measurement and point level detection are required.

### More details



## **VEGAPULS 69**

Level measurement with radar in the storage tank for solid raw materials

- Swivelling holder allows optimal sensor alignment
- High equipment availability, as wear and maintenance-free
- Reliable measurement, unaffected by dust and noise

## **Show Product**

### **VEGACAP 65**

Capacitive level switch prevents overfilling in the storage tank for solid raw materials

- Robust design ensures a long service life
- SIL2 qualification increases plant safety
- Easy on-site customization thanks to shortenable cable probe

## **Show Product**



PRO	PRO
VEGAPULS 69 Show Product	VEGACAP 65 Show Product
eres in the second seco	
Measuring range - Distance 120 m	Measuring range - Distance -
Process temperature -196 450 °C	Process temperature -50 200 °C
Process pressure -1 160 bar	Process pressure -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
Frequency 6 GHz 26 GHz 80 GHz	
Beam angle ≥ 3°	PA cable ø 12 mm with screening tube and gravity weight Materials, wetted parts
Materials, wetted parts PTFE PVDF 316L PP	PTFE 316L PA PEEK Steel
PEEK Threaded connection	Threaded connection           ≥ G1, ≥ 1 NPT
≥ G¾, ≥¾ NPT	Flange connection ≥ DN50, ≥ 2"
Flange connection       ≥ 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 hygienic fitting F40 with compression nut Hygienic screw connections ≥ DN50 tube ø53 - DIN11864-1-A	Protection rating IP66/IP68 (0,2 bar) IP66/IP67 IP66/IP68 (1 bar)
Hygienice flange connection ≥ DN50 DIN11864-2 Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864- 3-A DRD connection Ø 65 mm SMS 1145 DN51	Output Relay (DPDT) Contactless electronic switch Transistor (NPN/PNP) Two-wire

