



## Storage tank for solid raw materials

### Reliable

Reliable measurement under rough conditions

### Cost effective

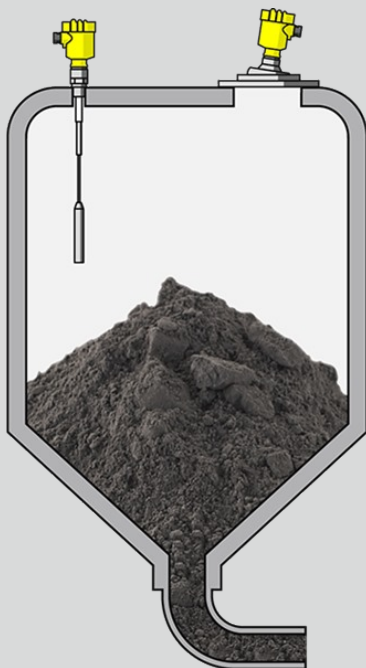
Maintenance-free operation despite the presence of abrasive and adhesive products

### 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.



### VEGAPULS 69

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

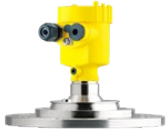
- Swivelling holder allows optimal sensor alignment
- High equipment availability, as wear and maintenance-free
- Reliable measurement, unaffected by dust and noise



### 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



VEGAPULS 69	VEGACAP 65
Measuring-range---Distance 120 m	Measuring-range---Distance 32 m
Process-temperature -40 ... 200 °C	Process-temperature -50 ... 200 °C
Process-pressure -1 ... 20 bar	Process-pressure -1 ... 64 bar
Accuracy ± 5 mm / ± 0.2"	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
Version with plastic horn antenna ø 80 mm Metal jacketed lens antenna	Materials,-wetted-parts PTFE 316L PA PEEK Steel
Materials,-wetted-parts 316L PP PEEK	Threaded-connection ≥ G1, ≥ 1 NPT
Threaded-connection G1½, 1½ NPT	Flange-connection ≥ DN50, ≥ 2"
Flange-connection ≥ DN80, ≥ 3"	Housing-material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)
Seal-material EPDM FKM	Protection-rating IP 66/IP 68 (0.2 bar) IP 66/IP 67 IP 66/IP 68 (1 bar)
Housing-material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)	Output Relay (DPDT) Contactless electronic switch Transistor (NPN/PNP) Two-wire