



### Reliable

Reliable measurement even during filling

### Cost effective

Accurate measurement of the entire container volume

### User friendly

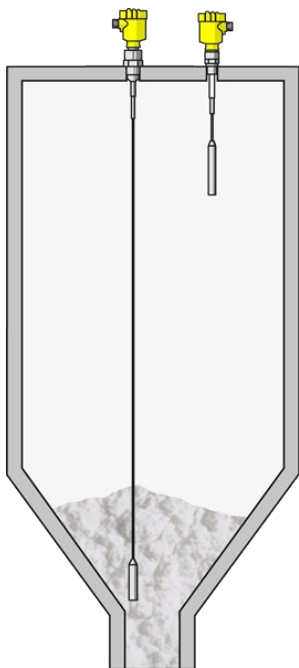
Simple mounting and setup

## Lime silo II

### Level measurement and point level detection in the lime silo

For flue gas desulfurization a continuous production of the lime milk is required, the lime is kept on hand in sufficient quantities in large silos. Lime tends to readily adhere to more or less anything, depending on its type and consistency, interfering with equipment like the operation of instruments. A robust, non-susceptible level measurement is therefore absolutely necessary for reliable lime logistics and stocking. That's why a non-contact measuring instrument that also works well in the very dusty environment is essential here.

[More details](#)



### VEGAFLEX 82

The guided radar sensor measures the level in the lime silo

- Unaffected by dust and condensation
- Menu-driven adjustment allows simple, time-saving, confident setup
- Shortenable probes offer basic standardization and maximum flexibility in planning

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### VEGACAP 65

Capacitive cable probe as overflow protection in the lime silo

- Long service life and low maintenance requirements through robust mechanical design
- Shortenable probe allows high flexibility

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## VEGAFLEX 82

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**Measuring range - Distance**  
75 m

**Process temperature**  
-40 ... 200 °C

**Process pressure**  
-1 ... 40 bar

**Accuracy**  
± 2 mm

**Version**  
Basic version for exchangeable cable ø 4, ø 6 PA coat.  
Basic version for exchangeable cable ø 6, ø 11 PA coat., rod ø 16  
Exchangeable rod ø 16 mm  
Exchangeable cable ø 2 mm with gravity weight  
Exchangeable cable ø 6 mm with gravity weight  
Exchangeable, PA-coated steel cable ø 6 mm with gravity weight  
Exchangeable, PA-coated steel cable ø 11 mm with gravity weight

**Materials, wetted parts**  
316L  
Alloy C22 (2.4602)  
PA

**Threaded connection**  
≥ G¾, ≥ ¾ NPT

**Flange connection**  
≥ DN25, ≥ 1"

**Seal material**  
EPDM  
FKM  
FFKM

**Housing material**  
Plastic  
Aluminium  
Stainless steel (precision casting)  
Stainless steel (electropolished)

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## VEGACAP 65

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**Measuring range - Distance**  
-

**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