



Reliable

Reliable measurement even during filling

Cost effective

Accurate measurement of the entire container volume

User friendly

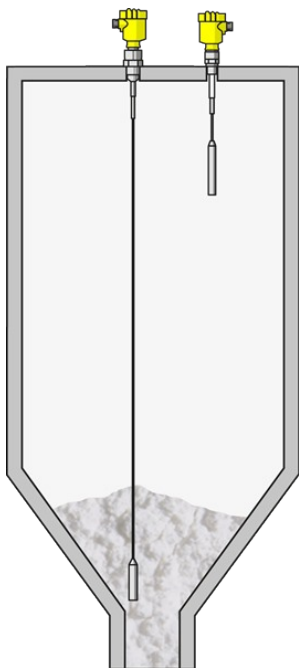
Simple mounting and setup

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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PRO

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

≥ G $\frac{3}{4}$, ≥ $\frac{3}{4}$ NPT

Flange connection

≥ DN25, ≥ 1"

Seal material

EPDM
 FKM
 FFKM

Housing material

Plastic
 Aluminium
 Stainless steel (precision casting)
 Stainless steel (electropolished)

PRO

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

VEGA