Reliable

Reliable measurement even during filling

Cost effective

Accurate measurement of the entire container volume
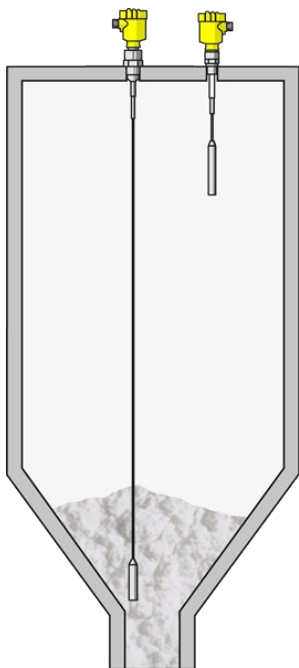
User friendly

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 overfill 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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VEGA HOME OF VALUES

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, ø11 PA coat., rod ø16
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)

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

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