



Reliable

Reliable measurement even during filling

Cost effective

Accurate measurement of the entire container volume

User friendly

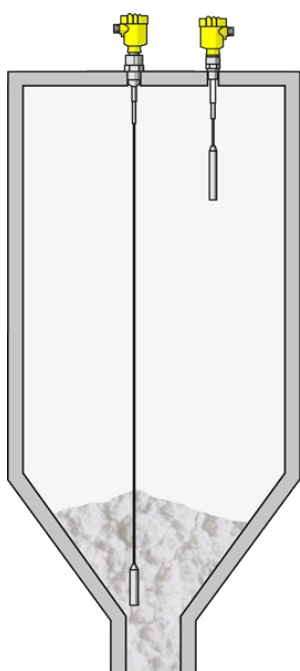
Simple mounting and setup

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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PRO	PRO
VEGAFLEX 82 Show Product	VEGACAP 65 Show Product
	
Measuring range - Distance 75 m	Measuring range - Distance -
Process temperature -40 ... 200 °C	Process temperature -50 ... 200 °C
Process pressure -1 ... 40 bar	Process pressure -1 ... 64 bar
Accuracy ± 2 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 PA cable ø 12 mm with screening tube and gravity weight
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 PTFE 316L PA PEEK Steel
Materials, wetted parts 316L Alloy C22 (2.4602) PA	Threaded connection ≥ G1, ≥ 1 NPT
Threaded connection ≥ G¾, ≥ ¾ NPT	Flange connection ≥ DN50, ≥ 2"
Flange connection ≥ DN25, ≥ 1"	Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)
Seal material EPDM FKM FFKM	Protection rating IP66/IP68 (0,2 bar) IP66/IP67 IP66/IP68 (1 bar)
Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)	Output Relay (DPDT) Contactless electronic switch Transistor (NPN/PNP) Two-wire