



Reliable

Reliable measurement, independent of media properties and container geometry

Cost effective

Maintenance-free operation

User friendly

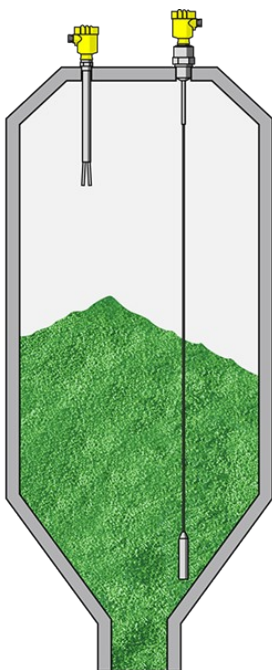
Universally applicable for almost all non-abrasive bulk solids

Medium-sized silos for bulk solids

Level measurement and point level detection in silos

Many different kinds of bulk solids are produced or used as raw materials in the chemical industry. To ensure reliable measurement of the silo contents, several factors must be considered: different bulk densities, abrasive properties, dust generation and the requirements of explosion protection. Application of the right level sensors ensures optimal production planning and reliable logistics for the finished products.

[More details](#)



VEGAFLEX 82

Continuous level measurement with guided radar in bulk solids silo

- Simple calibration and universal application in containers of medium height
- Robust cable design ensures maintenance-free operation in widely different media
- Unaffected by changing process conditions
- Dust deposits on the process fitting or on the cable have no effect on the measurement

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VEGAWAVE 63

Vibrating level switch for point level detection of fine-grained bulk solids in bulk solids silo

- Universally applicable for all fine-grained bulk solids
- Wear and maintenance-free operation
- Simple, adjustment-free setup

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PRO

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VEGAFLEX 82

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VEGAWAVE 63

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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)

Measuring range - Distance
-

Process temperature
-50 ... 250 °C

Process pressure
-1 ... 25 bar

Version
Detection of solids in water
with tube extension
with temperature adapter

Materials, wetted parts
316L

Threaded connection
≥ G1½, ≥ 1½ NPT

Flange connection
≥ DN50, ≥ 2"

Hygienic fittings
Clamp ≥ 2", DN50 - DIN32676, ISO2852

Seal material
no media contact

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