



Reliable

Reliable measurement, independent of media properties and container geometry

Cost effective

Maintenance-free operation

User friendly

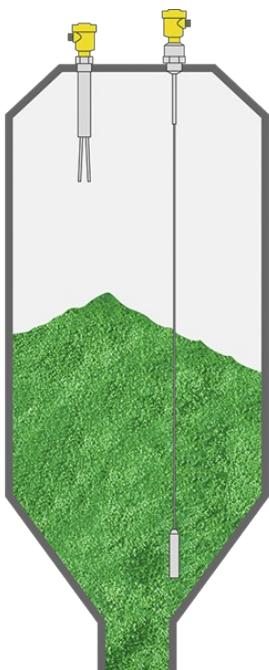
Universally applicable for almost all non-abrasive bulk solids

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

PRO

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)