



Reliable

High measurement reliability, even in extremely dusty environments

Cost effective

Maintenance-free operation

User friendly

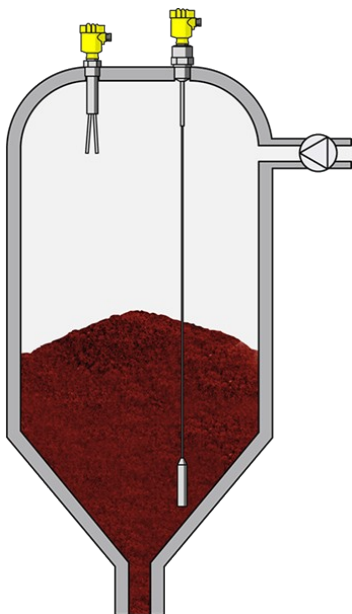
Simple to set up

Filling silo for colour pigment

Level measurement and point level detection in colour pigment packing

In the last production step, the finished pigment powders are pneumatically conveyed into packing silos. The conveying system generates very high dust levels and air movement inside the silos. To control the filling process, the levels in the silos need continuous monitoring. A high level detection switch is used for safety shutdown in case of overfilling. The pigment powder is then filled into sacks via the bottom outlet.

[More details](#)



VEGAFLEX 82

Continuous level measurement with guided radar in filling silo

- Accurate measurement despite extremely dusty environment
- Reliable level measurement, even in media with low dielectric constant
- Simple and fast setup with display and adjustment module

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VEGAWAVE 63

Vibrating level switch for protection against overfilling

- Simple setup without calibration
- Reliable detection despite changing density of the medium
- Dependable function thanks to product-independent switching point

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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

VEGAWAVE 63

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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

≥ G1 $\frac{1}{2}$, ≥ 1 $\frac{1}{2}$ 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)