



#### Reliable

High measurement reliability, even in extremely dusty environments

#### Cost effective

Maintenance-free operation

#### User friendly

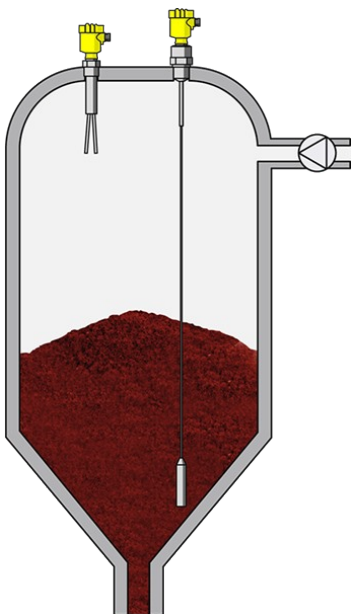
Simple to set up

## 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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## 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**  
≥ G¾, ≥ ¾ 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**  
≥ 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)