



Reliable

Reliable content measurement in the fly ash silo

Cost effective

Maintenance-free operation through non-contact measurement

User friendly

Simple mounting and setup

Fly ash silo, ash bunker

Level measurement and point level detection in the fly ash silo or bunker

The burning of coal creates huge quantities of ash. It is collected in a silo or bunker and then dumped into an open pit. To determine the filling height, radar transmitters and level detectors are deployed in the respective vessels.

[More details](#)



VEGAWAVE 63

The vibrating level switch dependably prevents an overfilling of silos and bunkers

- Product-independent switching point, thus ideal for bulk solids
- Robust design ensures minimal costs for maintenance and repair
- Approved according to Ex and SIL2

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VEGAPULS 6X

In silos and bunkers, radar sensors are mainly used to determine the filling height

- High plant availability thanks to wear and maintenance-free measuring instrument
- Non-contact measurement; unaffected by steam, dust and noise
- Ideal for measurement of bulk solids in high silos and bunkers

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PRO

PRO

VEGAWAVE 63
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VEGAPULS 6X
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Measuring range - Distance

-

Measuring range - Distance

120 m

Process temperature

-50 ... 250 °C

Process temperature

-196 ... 450 °C

Process pressure

-1 ... 25 bar

Process pressure

-1 ... 160 bar

Version

Detection of solids in water
 with tube extension
 with temperature adapter

Accuracy

± 1 mm

Materials, wetted parts

316L

Frequency

6 GHz
 26 GHz
 80 GHz

Threaded connection

≥ G1½, ≥ 1½ NPT

Beam angle

≥ 3°

Flange connection

≥ DN50, ≥ 2"

Materials, wetted parts

PTFE
 PVDF
 316L
 PP
 PEEK

Hygienic fittings

Clamp ≥ 2", DN50 - DIN32676, ISO2852

Threaded connection

≥ G¾, ≥ ¾ NPT

Seal material

no media contact

Flange connection

≥ DN20, ≥ ¾"

Housing material

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

Hygienic fittings

Clamp ≥ 1½" - DIN32676, ISO2852
 Slotted nut ≥ 2", DN50 - DIN 11851
 Varivent ≥ DN25
 hygienic fitting with tension flange DN32
 hygienic fitting F40 with compression nut
 Hygienic screw connections ≥ DN50 tube ø53 -
 DIN11864-1-A
 Hygienic flange connection ≥ DN50 DIN11864-2
 Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-
 3-A
 DRD connection ø 65 mm
 SMS 1145 DN51