

### Reliable

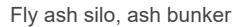
Reliable content measurement in the fly ash silo

# Cost effective

Maintenance-free operation through noncontact measurement

### **User friendly**

Simple mounting and setup



# 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

## **Show Product**

# **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

### **Show Product**



PRO	PRO
VEGAWAVE 63 Show Product	VEGAPULS 6X Show Product
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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	Accuracy ± 1 mm
with temperature adapter	Frequency 6 GHz
Materials, wetted parts 316L	26 GHz 80 GHz
Threaded connection ≥ G1½, ≥ 1½ NPT	Beam angle ≥ 3°
Flange connection ≥ DN50, ≥ 2"	Materials, wetted parts PTFE
<b>Hygenic fittings</b> Clamp ≥ 2", DN50 - DIN32676, ISO2852	PVDF 316L PP PEEK
Seal material no media contact	Threaded connection
Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)	≥ G¾, ≥ ¾ NPT Flange connection ≥ DN20, ≥ ¾"
	<ul> <li>∠ DN20, 2 /4</li> <li>Hygenic fittings</li> <li>Clamp ≥ 1½" - DIN32676, ISO2852</li> <li>Slotted nut ≥ 2", DN50 - DIN 11851</li> <li>Varivent ≥ DN25</li> <li>hygienic fitting with tension flange DN32</li> <li>hygienic fitting F40 with compression nut</li> </ul>

3-A

# Hygienic screw connections $\ge$ DN50 tube ø53 -

DIN11864-1-A Hygienice flange connection ≥ DN50 DIN11864-2 Hygienic clamp connection  $\ge$  DN50 pipe Ø53 - DIN11864-DRD connection ø 65 mm SMS 1145 DN51

