



Reliable

High measurement certainty despite varying reflective properties of the medium

Cost effective

Maintenance-free operation

User friendly

Simple mounting and operation

Additive silos

Level measurement in additive silos

Depending on the manufacturing process and the type of metal being produced, various additives such as lime are required. The products are stored in silos or concrete bunkers and usually fed to the process via conveyor belts. For cost-effective storage of these materials, level measurement in the silo contents is essential.

[More details](#)



VEGAPULS 6X

Non-contact level measurement with radar in the additive silo

- Reliable measurement despite strong dust generation
- Maintenance-free operation through non-contact measurement
- Easy alignment of the measuring instrument via integrated swivelling holder and app for smartphone

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Measuring range - Distance

120 m

Process temperature

-196 ... 450 °C

Process pressure

-1 ... 160 bar

Accuracy

± 1 mm

Frequency

6 GHz

26 GHz

80 GHz

Beam angle

≥ 3°

Materials, wetted parts

PTFE

PVDF

316L

PP

PEEK

Threaded connection

≥ G¾, ≥ ¾ NPT

Flange connection

≥ DN20, ≥ ¾"

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