

**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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**VEGAPULS 6X**[Show Product](#)**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