



Reliable

Reliable measurement even in dusty and noisy environments

Cost effective

Optimal storage capacity

User friendly

Maintenance-free operation of the facility

Buffer and production silos

Level measurement in buffer and production silos

After crushing and screening, the different aggregates are transported via conveyor belts and distributed among the silos. Before further processing, the stones, gravel or rock flour are stored in buffer and production silos. To ensure optimal material storage, a precise level measurement is required.

[More details](#)



VEGAPULS 6X

Non-contact Level measurement with radar in buffer and production silos

- Reliable measurement, independent of dust, abrasion and product moisture content
- Maximum operational reliability through insensitivity to noise
- Maintenance-free non-contact measurement

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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