



Reliable

Reliable measurement even during filling

Cost effective

Optimal utilization of the container volume

User friendly

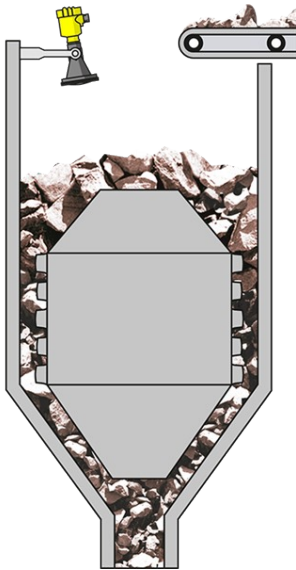
Simple mounting and setup

Crusher

Level measurement in the crusher

To be able to transport and further process the largest possible production volumes, the ore must have an optimal size. To achieve this, the ore is crushed to the correct size in two stages, in a primary and then a secondary crusher. In order to enable an optimum throughput, and avoid choking or damaging the crusher, a reliable level measurement is required.

[More details](#)



VEGAPULS 6X

Non-contact level measurement with radar in the crusher

- Reliable measurement despite intense dust generation
- High reliability ensured through noise immunity
- Wear and maintenance-free, as measurement is non-contacting

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VEGAPULS 6X
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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