



Reliable

Reliable measurement despite intense noise generation

Cost effective

Uninterrupted operation due to optimal filling

User friendly

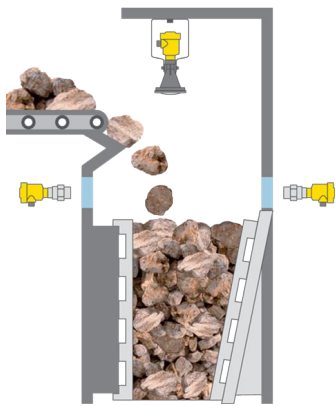
Simple mounting and setup

Crusher

Level measurement and point level detection in the crusher

Large boulders are loosened from the solid bedrock through blasting. Further steps are then required to process the rock into basic building materials such as crushed rock, gravel or sand. The large stones are crushed into different grain sizes by jaw and roller crushers. To enable economic operation and keep wear and tear on the crusher to a minimum, level measurement and limit level detection are required.

[More details](#)



VEGAPULS 6X

Non-contact level measurement with radar in the crusher

- Reliable measurement, unaffected by strong dust generation and weather conditions
- High reliability ensured by immunity to noise generated by crusher
- Maintenance-free operation using non-contact measuring method

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VEGAMIP 61

Microwave barrier for level detection in the crusher

- Maintenance-free operation with non-contact measurement
- High measurement certainty, even with dust, dirt and buildup present
- Measurement is possible from the outside, right through solid plastic or ceramic windows

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PRO

PRO

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

VEGAMIP 61[Show Product](#)**Measuring range - Distance**

100 m

Process temperature

-40 ... 80 °C

Process pressure

-1 ... 4 bar

Version

hygienically encapsulated horn antenna

for separate horn antenna

with horn antenna ø 40 mm

with horn antenna ø 48 mm

with horn antenna ø 75 mm

with horn antenna ø 95 mm

with plastic horn antenna ø 80 mm

Horn antenna ø 1½"

with encapsulated horn antenna

Materials, wetted parts

PTFE

316L

1.4848

PP

Threaded connection

G1½, 1½ NPT

Flange connection

≥ DN50, ≥ 2"

Hygienic fittings

Slotted nut ≥ 2", DN50 - DIN 11851

Varivent ≥ DN25

DRD connection ø 65 mm

for NEUMO BioControl D50 PN16 / 316L

Seal material

FKM

FFKM

Housing material

Plastic

Aluminium

Stainless steel (precision casting)

Stainless steel (electropolished)