



Reliable

Reliable measurement ensured even in noisy environments

Cost effective

Uninterrupted operation thanks to optimal process feed

User friendly

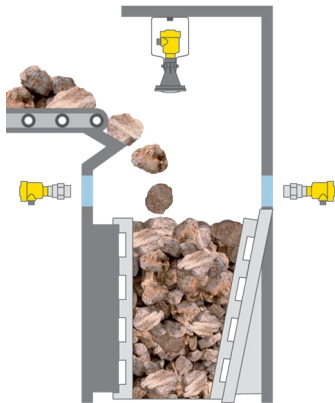
Simple installation and setup

Crusher

Level measurement and point level detection in rock crushers

The large boulders are extracted from the solid bedrock with blasting. This very first stage in the process is needed to enable these very large rocks to be crushed by smaller, secondary jaw and roller crushers, which create the smaller sizes for screening to produce the basic building materials like gravel, grit or sand. To enable efficient, continuous operation and keep wear on the crusher as low as possible, level measurement and point level detection are required.

[More details](#)



VEGAPULS 6X

Non-contact level measurement with radar in rock crushers

- Reliable measurement and control, independent of extreme dust generation and weather conditions
- Maximum operational reliability through noise insensitivity
- Maintenance-free non-contact measuring method

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VEGAMIP 61

Microwave barrier for point level detection in rock crushers

- Maintenance-free non-contact measuring method
- High measurement certainty despite dirt and buildup
- Even external measurement via solid plastic or ceramic window

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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)