



Crusher

Reliable

Reliable measurement ensured even in noisy environments

Cost effective

Uninterrupted operation thanks to optimal process feed

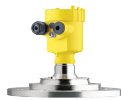
User friendly

Simple installation and setup

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 69

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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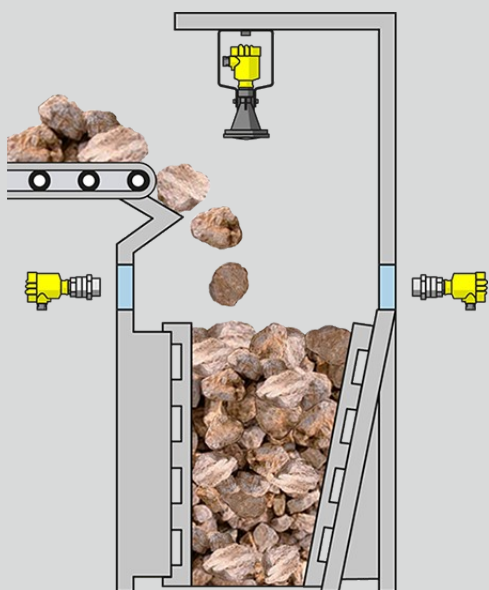


VEGAMIP 61

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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VEGAPULS 69 Show Product	VEGAMIP 61 Show Product
Measuring range - Distance 120 m	Measuring range - Distance 100 m
Process temperature -40 ... 200 °C	Process temperature -40 ... 80 °C
Process pressure -1 ... 20 bar	Process pressure -1 ... 4 bar
Accuracy ± 5 mm / ± 0.2"	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
Frequency 80 GHz	Materials, wetted parts PTFE 316L 1.4848 PP
Beam angle ≥ 3,5°	Threaded connection ≥ G1½, ≥ 1½ NPT
Version with plastic horn antenna ø 80 mm Metal jacketed lens antenna	Flange connection ≥ DN50, ≥ 2"
Materials, wetted parts 316L PP PEEK	Hygienic fittings Slotted nut ≥ 2", DN50 - DIN 11851 Varivent ≥ DN25 DRD connection ø 65 mm for NEUMO BioControl D50 PN16 / 316L
Threaded connection G1½, 1½ NPT	Seal material FKM FFKM
Flange connection ≥ DN80, ≥ 3"	Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)