

#### Reliable

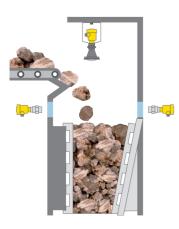
Reliable measurement ensured even in noisy environments

#### 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

### **Show Product**

## **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

## **Show Product**



VEGAPULS 6X	VEGAMIP 61
Show Product	Show Product
Measuring range - Distance	Measuring range - Distance
120 m	100 m
Process temperature	Process temperature
-196 450 °C	-40 80 °C
Process pressure	Process pressure
-1 160 bar	-1 4 bar
Accuracy	Version
± 1 mm	hygienically encapsulated horn antenna
Frequency	for separate horn antenna
6 GHz	with horn antenna ø 40 mm
26 GHz	with horn antenna ø 48 mm with horn antenna ø 75 mm
80 GHz	with horn antenna Ø 75 mm
	with plastic horn antenna ø 80 mm
Beam angle	Horn antenna ø 1½"
≥ 3°	with encapsulated horn antenna
Materials, wetted parts	Materials, wetted parts
PTFE	PTFE
PVDF	316L
316L	1.4848
PP	PP
PEEK	Thursda di su un stiller
Threaded connection	Threaded connection
≥ G¾, ≥¾ NPT	G1½, 1½ NPT
	Flange connection
Flange connection	≥ DN50, ≥ 2"
≥ DN20, ≥ ¾"	Hygenic fittings
Hygenic fittings	Slotted nut ≥ 2", DN50 - DIN 11851
Clamp ≥ 1½" - DIN32676, ISO2852	Varivent ≥ DN25
Slotted nut ≥ 2", DN50 - DIN 11851	DRD connection ø 65 mm
Varivent ≥ DN25	for NEUMO BioControl D50 PN16 / 316L
hygienic fitting with tension flange DN32	
hygienic fitting F40 with compression nut	Seal material
Hygienic screw connections ≥ DN50 tube ø53 -	FKM
	FFKM
Hygienice flange connection ≥ DN50 DIN11864-2	Housing material
Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-	Housing material
3-A	Plastic
DRD connection Ø 65 mm	Aluminium Stainloss steel (precision casting)
SMS 1145 DN51	Stainless steel (precision casting) Stainless steel (electropolished)

