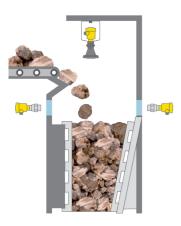


Reliable

Reliable measurement despite intense noise generation

Cost effective Uninterrupted operation due to optimal filling

User friendly Simple mounting and setup





More details

Crusher

VEGAPULS 6X

Non-contact level measurement with radar 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.

Level measurement and point level detection 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

Show Product

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

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)

