

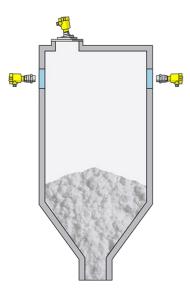
Reliable

Reliable measurement even during filling

Cost effective

Accurate measurement of the entire container volume

User friendly Simple mounting and setup



Lime silo I

Level measurement and point level detection in the lime silo

For flue gas desulfurization a continuous production of the lime milk is required, the lime is kept on hand in sufficient quantities in large silos. Lime tends to readily adhere to more or less anything, depending on its type and consistency, interfering with equipment like the operation of instruments. A robust, non-susceptible level measurement is therefore absolutely necessary for reliable lime logistics and stocking. That's why a non-contact measuring instrument that also works well in the very dusty environment is essential here.

More details



VEGAPULS 6X

Non-contact level measurement with radar in the lime silo

- Non-contact, maintenance-free measurement
- High measurement certainty despite extreme dust generation
- · High operational reliability, even when water condenses on instrument

Show Product

VEGAMIP 61

Non-contact point level detection with radar in the lime silo

- Non-contact, maintenance-free measurement
- Very long service life and low maintenance requirements through robust design
- Simple measurement from outside the container

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)

