



Reliable

Reliable measurement is ensured in all weather conditions

Cost effective

Optimum utilization of stockpile capacity

User friendly

Maintenance-free operation

Bulk solids stockpile

Level measurement of stockpiles

After being crushed, screened and sorted into different grain sizes, the gravel and sand are transported on conveyors and stored in large stockpiles. To automate the stockpiling levels and enable the optimum area to be filled, a reliable level measurement is essential.

[More details](#)



VEGAPULS 6X

Non-contact stockpile monitoring with radar

- Reliable stockpile control, unaffected by material flow and weather conditions
- Maintenance-free operation, thanks to non-contact measurement
- Optimal monitoring of the filling process at the stockpile

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VEGAMIP 61

Conveyor belt empty alarm with microwave barrier

- Reliable empty alarm system for conveyor belt
- Long service life, thanks to robust construction
- Unaffected by soiling and buildup

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PRO	PRO
VEGAPULS 6X Show Product	VEGAMIP 61 Show Product
	
Measuring range - Distance 120 m	Measuring range - Distance 100 m
Process temperature -196 ... 450 °C	Process temperature -40 ... 80 °C
Process pressure -1 ... 160 bar	Process pressure -1 ... 4 bar
Accuracy ± 1 mm	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 6 GHz 26 GHz 80 GHz	
Beam angle ≥ 3°	
Materials, wetted parts PTFE PVDF 316L PP PEEK	Materials, wetted parts PTFE 316L 1.4848 PP
Threaded connection ≥ G¾, ≥ ¾ NPT	Threaded connection G1½, 1½ NPT
Flange connection ≥ DN20, ≥ ¾"	Flange connection ≥ DN50, ≥ 2"
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	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)