



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

Process temperature

-196 ... 450 °C

Process pressure

-1 ... 160 bar

Accuracy

± 1 mm

Frequency

6 GHz

26 GHz

80 GHz

Beam angle

≥ 3°

Materials, wetted parts

PTFE

PVDF

316L

PP

PEEK

Threaded connection

≥ G¾, ≥ ¾ NPT

Flange connection

≥ DN20, ≥ ¾"

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

Measuring range - Distance

100 m

Process temperature

-40 ... 80 °C

Process pressure

-1 ... 4 bar

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

Materials, wetted parts

PTFE

316L

1.4848

PP

Threaded connection

G1½, 1½ NPT

Flange connection

≥ DN50, ≥ 2"

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)