



Reliable

Long measurement sensor lifespan because no contact with medium

Cost effective

Wear and maintenance-free

User friendly

Easy installation and setup

Coke silo

Level measurement and point level detection in coke silos

Coke is often stored in very tall silos. Coke product is also susceptible to plugging the chute as the vessel empties. To accurately measure and monitor the level in these silos, especially during fill/empty stages, the instrumentation must be able to perform reliably, even under these conditions.

[More details](#)



VEGAPULS 6X

Radar sensor for continuous level measurement in coke silos

- Reliable measurement unaffected by buildup
- Radar principle is unaffected by temperature, gas and dust
- Non-contact measurement is wear and maintenance-free

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VEGAMIP 61

Microwave barrier system for plugged chute detection of coke silo

- Non-contact measurement ensures maintenance-free service in abrasive media
- Reliable measurement, immune to dust and buildup
- Simple adjustment saves time and costs for setup

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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)