



Reliable

Consistent measuring results in any weather

Cost effective

Maintenance-free operation

User friendly

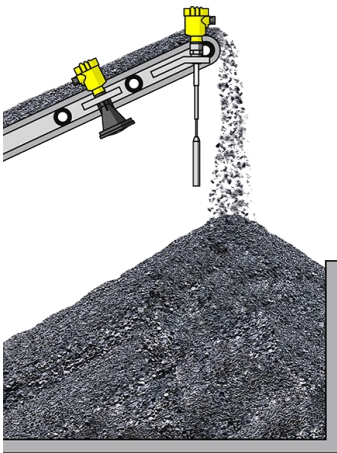
Simple installation on existing infrastructure

Coke stacker

Stockpile monitoring

After the coke is extracted from the drums it is stored in silos or stockpiles. Reliable level measurement is an absolute must for automating the stockpiling process and ensuring optimal levels.

[More details](#)



VEGAPULS 6X

Radar sensor for level measurement in the coke stacker

- Non-contact, maintenance-free measurement
- High measurement certainty despite intense dust and noise generation
- Absolute operational reliability, even in rain and snow
- Simple mounting and setup

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VEGACAP 65

Capacitive cable probe for level detection in the coke stacker

- Shortenable probes enable high flexibility
- Long service life and low maintenance requirements through robust design
- Reliable switching point ensured through large sensing weight

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PRO

VEGAPULS 6X
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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

Hygienice flange connection ≥ DN50 DIN11864-2

Hygienic clamp connection ≥ DN50 pipe ø53 - DIN11864-3-A

DRD connection ø 65 mm

SMS 1145 DN51

PRO

VEGACAP 65
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Measuring range - Distance

-

Process temperature

-50 ... 200 °C

Process pressure

-1 ... 64 bar

Version

Cable ø 6 mm with screening tube without weight

Cable ø 6 mm with screening tube and gravity weight

Cable ø 6 mm with gravity weight

Cable ø 8 mm with abrasion protection without weight

Cable ø 8 mm with abrasion protection and gravity weight

Cable ø 8 mm with gravity weight

PA cable ø 12 mm with screening tube and gravity weight

Materials, wetted parts

PTFE

316L

PA

PEEK

Steel

Threaded connection

≥ G1, ≥ 1 NPT

Flange connection

≥ DN50, ≥ 2"

Housing material

Plastic

Aluminium

Stainless steel (precision casting)

Stainless steel (electropolished)

Protection rating

IP66/IP68 (0,2 bar)

IP66/IP67

IP66/IP68 (1 bar)

Output

Relay (DPDT)

Contactless electronic switch

Transistor (NPN/PNP)

Two-wire

VEGA