



Reliable

Consistent measuring results in any weather

Cost effective

Simple installation on existing infrastructure

User friendly

Maintenance-free operation

Coal stockpile

Height measurement of the coal stockpile

After being unloaded from rail cars or ships, the coal is stored in stockpiles. Here, reliable measuring systems that function properly in any kind of weather are essential for level monitoring and belt positioning.

[More details](#)



VEGAPULS 6X

The radar sensor detects the height of the coal stockpile and controls the position of the discharge belts

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

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VEGACAP 65

The capacitive cable probe protects the discharge conveyors from damage through material contact

- 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

PRO

VEGAPULS 6X[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

VEGACAP 65[Show Product](#)**Measuring range - Distance**

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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