



#### Reliable

Consistent measuring results in any weather

#### Cost effective

Maintenance-free operation

#### User friendly

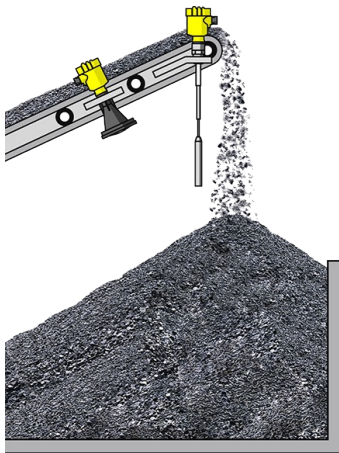
Simple installation on existing infrastructure

## 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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## 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  
Hygienic 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