



Reliable

Long measurement sensor lifespan because no contact with medium

Cost effective

Wear and maintenance-free

User friendly

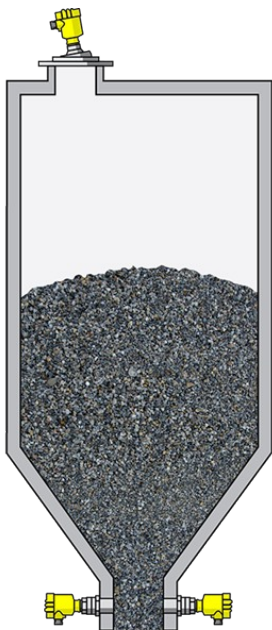
Easy installation and setup

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	Measuring range - Distance 100 m
Process temperature -196 ... 450 °C	Process temperature -40 ... 80 °C
Process pressure -1 ... 160 bar	Process pressure -1 ... 4 bar
Accuracy ± 1 mm	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
Frequency 6 GHz 26 GHz 80 GHz	
Beam angle ≥ 3°	
Materials, wetted parts PTFE PVDF 316L PP PEEK	Materials, wetted parts PTFE 316L 1.4848 PP
Threaded connection ≥ G¾, ≥ ¾ NPT	Threaded connection G1½, 1½ NPT
Flange connection ≥ DN20, ≥ ¾"	Flange connection ≥ DN50, ≥ 2"
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	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)