



Reliable

Reliable measurement even in dusty and noisy environments

Cost effective

Optimal filling of the silos

User friendly

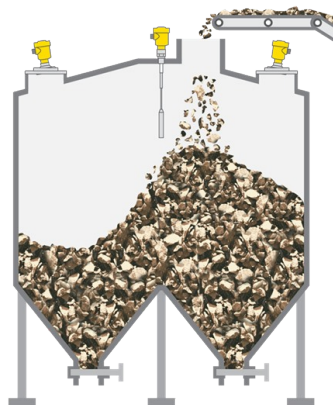
Maintenance-free operation

Large storage silos

Level measurement and point level detection in large storage silos

To ensure continuous production, even if material production is interrupted, the raw materials are stored in large bunkers with heights of over 30 m and diameters of up to 20 m. The large dimensions of the silos require the filling and emptying to take place at multiple points. Uniform filling and emptying of the bunkers is achieved through level measurement at various points in the bunker.

[More details](#)



VEGAPULS 6X

Non-contact level measurement with radar in large silos

- Maximum operational reliability thanks to noise insensitivity
- Measurement not affected by dust, abrasion or product moisture content
- Easy aligning of the measurement with integrated swivel mount and app for smartphones

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VEGACAP 65

Capacitive point level detection in large silos

- Long service life thanks to robust and adjustable cable probe
- Reliable measuring results, unaffected by buildup
- Simple installation and Setup

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PRO	PRO
VEGAPULS 6X Show Product	VEGACAP 65 Show Product
	
Measuring range - Distance 120 m	Measuring range - Distance -
Process temperature -196 ... 450 °C	Process temperature -50 ... 200 °C
Process pressure -1 ... 160 bar	Process pressure -1 ... 64 bar
Accuracy ± 1 mm	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
Frequency 6 GHz 26 GHz 80 GHz	Materials, wetted parts PTFE 316L PA PEEK Steel
Beam angle ≥ 3°	Threaded connection ≥ G1, ≥ 1 NPT
Materials, wetted parts PTFE PVDF 316L PP PEEK	Flange connection ≥ DN50, ≥ 2"
Threaded connection ≥ G¾, ≥ ¾ NPT	Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)
Flange connection ≥ DN20, ≥ ¾"	Protection rating IP66/IP68 (0,2 bar) IP66/IP67 IP66/IP68 (1 bar)
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	Output Relay (DPDT) Contactless electronic switch Transistor (NPN/PNP) Two-wire