



Reliable

Reliable measuring results even at high temperatures

Cost effective

Optimal utilization of storage capacity

User friendly

Simple installation

Silo for ready mixed asphalt

Level measurement and point level detection in ready mixed asphalt silos

Different qualities are required from the asphalt depending on the usage and climatic conditions, so every asphalt mixture varies depending on the application. Asphalt is always extremely viscous, hot and highly adhesive. Due to these properties and the numerous different asphalt mixtures, reliable level measurement and point level detection methods are essential.

[More details](#)



VEGAPULS 6X

Non-contact level measurement with radar in mixed asphalt loading silos

- Reliable measurement, independent of condensation and high temperatures
- Easy alignment of sensor with integrated swivel mount and app for smartphones
- Maintenance-free, as non-contact measuring method

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VEGACAP 65

Capacitive overflow protection in mixed asphalt loading silos

- Long service life, thanks to robust mechanical construction
- Unaffected by buildup, condensate and high temperatures
- Reliable switching point through use of large gravity weight

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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