



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

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