



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

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

Measuring range - Distance

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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