



Reliable

Reliable measurement enables a continuous supply of material to the furnace

Cost effective

Non-contact measurement, long service life

User friendly

Blockage detection makes additional monitoring superfluous

Silo for crushed glass

Level measurement and point level detection in the crushed glass, or cullet, silo

Glass is made of quartz sand, lime and soda, which are melted together at extremely high temperatures up to 1600 °C. This melting process is very energy intensive and for that reason, more easily melted waste glass is also often added into the mix. After delivery, the waste glass is first crushed and freed from impurities. The material, known as cullet, is then transported and filled into a silo, where it is fed to the melting process. To ensure a continuous supply of material to the furnace, a reliable level measurement in the cullet silo is required.

[More details](#)



VEGAMIP 61

Backup detection with microwave barrier in filling pipe

- Ceramic adapter ensures long service life of instrument
- Simple measurement outside the container
- Simple adjustment without external setup Tools

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VEGAPULS 6X

Level measurement with radar in the cullet silo

- Reliable measurement, even under difficult conditions
- No mechanical wear thanks to non-contact measurement
- Easy mounting and setup thanks to installation from above

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PRO	PRO
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Measuring range - Distance 100 m	Measuring range - Distance 120 m
Process temperature -40 ... 80 °C	Process temperature -196 ... 450 °C
Process pressure -1 ... 4 bar	Process pressure -1 ... 160 bar
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	Accuracy ± 1 mm
Materials, wetted parts PTFE 316L 1.4848 PP	Frequency 6 GHz 26 GHz 80 GHz
Threaded connection G1½, 1½ NPT	Beam angle ≥ 3°
Flange connection ≥ DN50, ≥ 2"	Materials, wetted parts PTFE PVDF 316L PP PEEK
Hygienic fittings Slotted nut ≥ 2", DN50 - DIN 11851 Varivent ≥ DN25 DRD connection ø 65 mm for NEUMO BioControl D50 PN16 / 316L	Threaded connection ≥ G¾, ≥ ¾ NPT
Seal material FKM FFKM	Flange connection ≥ DN20, ≥ ¾"
Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)	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