

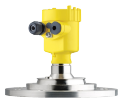


Flour silo

- Reliable
- Non-contact measurement, no wear and tear
- Cost effective
- One sensor for all silo heights
- User friendly
- Integrated cleaning system

Level measurement in the flour silo

The different varieties of flour are most often stored in tall silos with very narrow chambers. Filling takes place regularly and is done pneumatically from the top. In order to produce the desired blend of different varieties at any time, a reliable level measurement in the individual silos is essential, even during filling. The process challenges include dust generation, strong air movement and a poorly reflecting product surface.



VEGAPULS 69

Non-contact radar level measurement in the flour silo

- Reliable measurement, unaffected by dust generation and pneumatic filling
- Dependable function despite different bulk geometries
- Optional swivel mount for optimal orientation to the product surface





VEGAPULS 69

Measuring range - Distance

120 m

Process temperature

-40 ... 200 °C

Process pressure

-1 ... 20 bar

Accuracy

± 5 mm / ± 0.2"

Frequency

80 GHz

Beam angle

≥ 3,5°

Version

with plastic horn antenna ø 80 mm
Metal jacketed lens antenna

Materials, wetted parts

316L
PP
PEEK

Threaded connection

G1½, 1½ NPT

Flange connection

≥ DN80, ≥ 3"