

Reliable

Reliable measurement, unaffected by surface, foam and condensation

Cost effective Maintenance-free operation

User friendly Simple installation



Sugar dissolver vessel

Level measurement in the sugar dissolver vessel

In beet sugar refining the raw sugar is heated and dissolved in water into liquor. There are typically several interconnected agitated vessels in this process, each one with a weir allowing the liquor to flow from vessel to vessel. During the dissolving process, sugar byproducts from the downstream refining process are reintroduced to enable sugars to be recovered. To ensure a continuous process, a reliable level measurement is required.

More details



VEGAPULS 6X

Radar level measurement in the sugar dissolver vessel

- Reliable measurement in small vessels, independent of condensation and foam
- Hygienic process fittings allow aseptic operation
- Easy installation thanks to small process fittings

Show Product



PRO	
VEGAPULS 6X Show Product	
Process tempo	erature
Process press	sure
Accuracy ± 1 mm	
Frequency 6 GHz 26 GHz 80 GHz	
Beam angle ≥ 3°	
Materials, wett PTFE PVDF 316L PP PEEK	ed parts
Threaded con ≥ G¾, ≥ ¾ NPT	
Flange connection ≥ DN20, ≥ ¾"	
1	DIN32676, ISO2852 , DN50 - DIN 11851
hygienic fitting v hygienic fitting F Hygienic screw DIN11864-1-A Hygienice flang	vith tension flange DN32 ⁵ 40 with compression nut connections ≥ DN50 tube ø53 - e connection ≥ DN50 DIN11864-2 connection ≥ DN50 pipe Ø53 - DIN11864- n ø 65 mm

