



#### Reliable

Reliable measurement, unaffected by surface, foam and condensation

#### Cost effective

Maintenance-free operation

#### User friendly

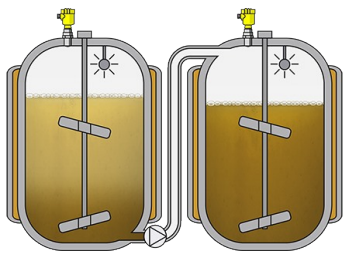
Simple installation

## 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.

[更多细节](#)



### 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

[产品细节](#)

## VEGAPULS 6X

## 产品细节

**量程 - 距离**

120 m

**过程温度**

-196 ... 450 °C

**过程压力**

-1 ... 160 bar

**测量精度**

± 1 mm

**Frequency**

6 GHz

26 GHz

80 GHz

**Beam angle**

≥ 3°

**接液材质**

PTFE

PVDF

316L

PP

PEEK

**螺纹连接**

≥ G¾, ≥ ¾ NPT

**法兰连接**

≥ DN20, ≥ ¾"

**卫生型连接**

Clamp ≥ 1½" - DIN32676, ISO2852

管螺栓 ≥ 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