



#### **Reliable**

Measurement is independent of the process conditions

#### **Cost effective**

Reliable, maintenance-free operation

#### **User friendly**

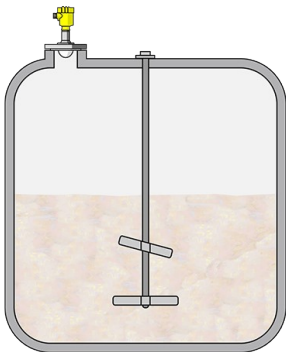
Simple installation from above through a small opening

## Dissolving tank

### Level measurement in a dissolving tank

The precursors for the manufacture of colour pigments are dissolved in the dissolving tank. These precursors are mainly Naphtha based, and, depending on the formulation, water and sodium hydroxide solution are added as solvents for the production of the basic pigment solution. An agitator ensures uniform mixing of substances as they are added. The level measuring system is needed to ensure reliable values that are delivered to the control system.

[More details](#)



### VEGAPULS 6X

Non-contact level measurement with radar in the dissolving tank

- Accurate measuring results independent of pressure, temperature, gas and steam
- Long service life thanks to highly resistant materials
- Reliable measuring results unaffected by foam and agitators

[Show Product](#)

**VEGAPULS 6X**[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