



Reliable

Accurate measurement down to the bottom of the vessel

Cost effective

Sensor is quick and easy to install

User friendly

Visualised display of measurements

IBC-Tank (metallic)

Level measurement of liquids in transport containers

In many of the production processes in the chemical industry, small quantities of various chemicals are needed in order to improve the characteristics of certain products. The media are often provided directly to the production areas in small, transport containers. Accurate level measurement ensures a continuous supply of materials for production.

[More details](#)



VEGAPULS 6X

Non-contact level measurement with radar in transport tanks

- Precise measurement even in small containers
- Non-contact measurement allows the changing of IBC tanks without dismantling the sensor
- Direct display of measured vessel content on sensor display

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VEGAPULS 6X
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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