



Reliable

Accurate measurement, right down to the container bottom

Cost effective

Sensor can be installed quickly and easily

User friendly

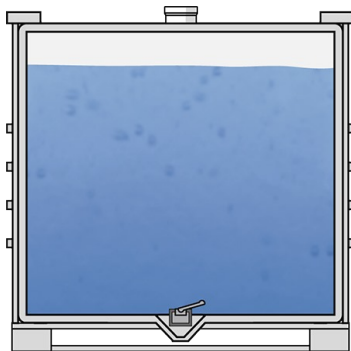
Direct integration into the wireless network, visualisation of the measured values in VEGA Inventory System

IBC containers for paper chemicals

Level measurement in IBC containers

Various chemicals are used in paper manufacturing to achieve the desired properties in the end product. The media are supplied directly to the production areas in IBC containers and added to the paper suspension via metering pumps. Level measurement ensures the supply for the ongoing processes. The stocks are continuously monitored, which allows a dwindling level to automatically trigger an order for replenishment from the chemicals distributor.

[More details](#)



VEGAPULS Air 23

Non-contact level measurement with radar in transport containers

- Accurate measurement right through the container top thanks to 80-GHz radar technology
- Precise measured values regardless of the medium
- Self-contained sensor with own power supply, integrated in a LoRaWAN wireless network

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VEGA Inventory System

Software for acquisition and visualization of level data.

- Easy access to live data around the clock
- Accurate, up-to-date information on filling levels
- Numerous functions simplify inventory management
- Fully automatic and timely notification of replenishment requirements
- Increased security of supply

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VEGAPULS Air 23
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VEGA Inventory System
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Measuring range - Distance

3 m

Process temperature

-20 ... 60 °C

Accuracy

± 5 mm / ± 0.2"

Frequency

80 GHz

Beam angle

8°

Threaded connection

via adhesive, ceiling or tension belt mounting

Housing material

Plastic / PVDF

Protection rating

IP69

Output

NB-IoT (LTE-Cat-NB1), LTE-M (LTECAT-M1), LoRa WAN

Ambient temperature

-20 ... 60 °C