



#### Reliable

High measurement certainty thanks to 8° focussing

#### Cost effective

Low-cost sensor for optimisation of cleaning processes/planning

#### User friendly

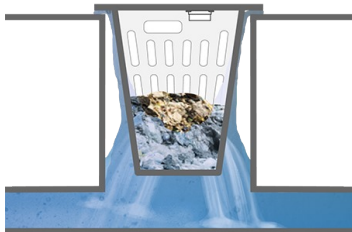
Simple mounting

## Gullies

### Level measurement for detection of deposits in gullies

Buildup and deposits accumulate in gullies and raise the water level there. Since this can lead to blockages, gullies must be cleaned regularly. Reliable level measurement ensures that blockages are recognized quickly. The level data is transmitted wirelessly to the control centre. This makes certain that gully cleaning is carried out as required.

[More details](#)



### VEGAPULS Air 23

Autarkic radar sensor for non-contact level measurement in gullies

- Reliable detection of deposits thanks to high measurement certainty
- Reliable measurement unaffected by ambient conditions and environmental influences
- Reliable data transmission even in places with poor wireless connections

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### VEGA Inventory System

Software for data acquisition and visualisation of level data

- Easy access to live data around the clock
- Accurate, up-to-date information on tank levels
- Simplified management through a wide range of functions
- Fully automatic and timely notification of resupply requirements
- Increased security of supply

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### VEGAPULS Air 23

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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

### VEGA Inventory System

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