



#### Reliable

Safe, reliable measurement from the outside through the bag

#### Cost effective

Time and cost-intensive CIP/SIP cleaning no longer required

#### User friendly

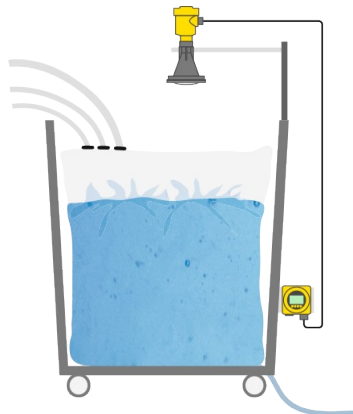
Simple integration and setup

## Disposable plastic container

### Level measurement in disposable plastic containers

When very small product batches are produced in the pharmaceutical industry, disposable plastic containers are often used. These are essentially polymer bags in which a fermentation process takes place or which contain a certain medium or buffer. Continuous level measurement is required to ensure high process efficiency.

[More details](#)



#### VEGAPULS 6X

Level measurement with radar in disposable containers

- Wide dynamic range enables level measurement through plastic
- Reliable measurement, independent of the medium
- No cleaning of sensor necessary, as measurement is done from the outside

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#### VEGADIS 81

External display and adjustment unit for plics® sensors

- Measured value display and sensor adjustment in a readily accessible location
- Simple operation, graphically supported with clearly structured program guidance
- Convenient connection directly to the sensor without further measures

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<b>VEGAPULS 6X</b> <a href="#">Show Product</a>	<b>VEGADIS 81</b> <a href="#">Show Product</a>
	
<b>Measuring range - Distance</b> 120 m	<b>Housing material</b> Plastic Aluminium Stainless steel (precision casting)
<b>Process temperature</b> -196 ... 450 °C	<b>Protection rating</b> IP66/IP67
<b>Process pressure</b> -1 ... 160 bar	<b>Ambient temperature</b> -20 ... 70 °C
<b>Accuracy</b> ± 1 mm	<b>Signal input (specify)</b> plics sensor (serial)
<b>Frequency</b> 6 GHz 26 GHz 80 GHz	<b>Signal output (specify)</b> Display
<b>Beam angle</b> ≥ 3°	
<b>Materials, wetted parts</b> PTFE PVDF 316L PP PEEK	
<b>Threaded connection</b> ≥ G¾, ≥ ¾ NPT	
<b>Flange connection</b> ≥ DN20, ≥ ¾"	
<b>Hygienic fittings</b> 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 Hygienice flange connection ≥ DN50 DIN11864-2 Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-3-A DRD connection ø 65 mm SMS 1145 DN51	