

Reliable

High measurement certainty thanks to media-independent measurement

Cost effective

Reliable measurement ensures continuous production

User friendly

No dismantling of sensor necessary when changing the container, as measurement is possible right through the BigBag

Flexible Intermediate Bulk Container (Bulk bag, BigBag)

Level measurement in a Flexible Intermediate Bulk Container (Bulk Bag)

Granular raw materials are delivered and stored in Flexible Intermediate Bulk Containers (FIBC) also known as 'Bulk Bags' or 'BigBags'. The raw materials are fed to the various process stages via conveyor belts or pneumatic lines. To ensure reliable supply to production, the levels in these FIBC's need to be continuously monitored.

[More details](#)



VEGAPULS 6X

Non-contact level measurement with radar in a FIBC

- Strong focusing of radar beam enables reliable measurement despite steel frame thanks to 80-GHz technology
- Due to the wide dynamic range, the measurement is completely independent of the medium
- Non-contact measurement allows the changing of BigBags without dismantling the sensor

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VEGADIS 81

External display and adjustment unit for plics® sensors

- User-friendly display can be used in accessible places
- Simple operation via four keys and clearly structured menu
- Convenient connection directly to the sensor without further measures

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VEGAPULS 6X Show Product	VEGADIS 81 Show Product
	
Measuring range - Distance 120 m	Housing material Plastic Aluminium Stainless steel (precision casting)
Process temperature -196 ... 450 °C	Protection rating IP66/IP67
Process pressure -1 ... 160 bar	Ambient temperature -20 ... 70 °C
Accuracy ± 1 mm	Signal input (specify) plics sensor (serial)
Frequency 6 GHz 26 GHz 80 GHz	Signal output (specify) Display
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 Hygienice flange connection ≥ DN50 DIN11864-2 Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-3-A DRD connection ø 65 mm SMS 1145 DN51	