

Reliable

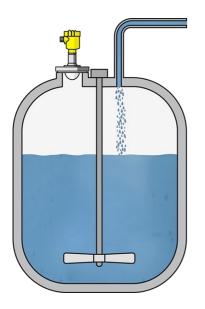
Reliable function, even with differently reflecting media, tank internals and agitators

Cost effective

Inexpensive integration into the reactor vessel, no modifications required

User friendly

Measuring point easily accessible



Reactor

Level measurement in a stirring reactor

In a recycling company, oil sludge, oil/water mixtures and emulsions from many industrial processes are collected and treated. The objective is to separate the oil and water for recovery, purification and reuse. This process takes place in several steps. Firstly the oil/water mixture is centrifuged, hydrogen peroxide is added and mixed in a stirring reactor, then finally it is centrifuged again. Continuous level measurement is required in the reactor stage to enable automated operation. It's very important for there to be an absolutely reliable and accurate measurement even at low liquid levels, right down to the vessel bottom.

More details



VEGAPULS 6X

Level measurement with radar in the reactor

- Precise sensor focusing enables accurate measurement despite agitators
- Measurement right down to the bottom, even with poorly reflecting media
- Contactless and maintenance-free

Show Product



PRO	
VEGAPULS 6X Show Product	
Process tempo	erature
Process press	sure
Accuracy ± 1 mm	
Frequency 6 GHz 26 GHz 80 GHz	
Beam angle ≥ 3°	
Materials, wett PTFE PVDF 316L PP PEEK	ed parts
Threaded con ≥ G¾, ≥ ¾ NPT	
Flange connection ≥ DN20, ≥ ¾"	
1	DIN32676, ISO2852 , DN50 - DIN 11851
hygienic fitting v hygienic fitting F Hygienic screw DIN11864-1-A Hygienice flang	vith tension flange DN32 ⁵ 40 with compression nut connections ≥ DN50 tube ø53 - e connection ≥ DN50 DIN11864-2 connection ≥ DN50 pipe Ø53 - DIN11864- n ø 65 mm

