

Reliable

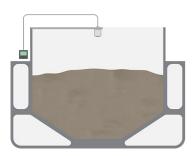
Exact measured values are important for smooth operation

Cost effective

Reliable measurement ensures safe and efficient loading and unloading, so that these ships have a longer uptime

User friendly

Maintenance free operation thanks to noncontact measurement



Hopper

Level measurement in the hopper of the trailing suction dredger

The hopper contains a mixture of sand, gravel and water. This mixture is collected by one or two suction pipes and drag heads that move over the seabed. The water flows out through so-called overflows and sand and gravel remain and are transported to an end destination for creating new land, or to be used as a supplementary material or building material. Accurate measurement of filling height, to determine the exact volume of displaced material, is important for smooth operation.

More details



VEGAPULS C 23

Level measurement with non-contact radar in the hopper

- Precise measurement close to the bottom
- Reliable measured values unaffected by foam and heavy weather conditions
- No false echoes from installations like frames or pipes thanks to narrow beam angle

Show Product

VEGAMET 342

External controller for 4 ... 20 mA HART sensors

- Power supply, value display, relay contacts and sensor adjustment on the bridge
- Easy-to-read display with plain text and graphics
- Simple adjustment via Bluetooth and PACTware or app for smartphone or tablet

Show Product



BASIC

VEGAPULS C 23 Show Product	
YEE	
Measuring range - Distance	Protect IP20/IF Input 2 x 4 Output 3 x ope 1x failu 2x 0/4 . Ambie -20 6
Process temperature -40 80 °C	
Process pressure -1 3 bar	
Accuracy ± 2 mm	
Frequency 80 GHz	
Beam angle 4°	
Materials, wetted parts PVDF	
Threaded connection G1, 1 NPT, R1	
Protection rating IP66/IP68 (3 bar), Type 6P	
Output 4 20 mA/HART Modbus SDI-12	

VEGAMET 342 **Show Product** 3.75

ction rating

P40

... 20 mA sensor input

ut

perating relay lure relay (instead of operating relay) ... 20 mA current output

ent temperature

60 °C

