



Reliable

Optimum protection against overfilling

Cost effective

Continuous measurement allows maximum use of container

User friendly

Reliable, maintenance-free operation

Sludge granulate silo

Level measurement and point level detection in the sludge granulate silo

After thermal drying, the sludge is stored in silos for further use. The granulated product is deposited in landfills, used in agriculture or burned for energy generation. The level measurement and point level detection ensure that the container volume is optimally utilized.

More details



VEGAPULS C 23

Continuous radar level measurement of the sludge granulate silo

- Simple mounting and setup
- Unaffected by dust generation
- Maintenance free thanks to contactless measurement
- Wireless operation via Bluetooth with smartphone, tablet or PC

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VEGACAP 65

Capacitive point level detection for filling control

- Reliable full-level signal during filling
- Robust mechanical design of sensor ensures a long service life
- Shortenable cable length for easy adaptation to local conditions

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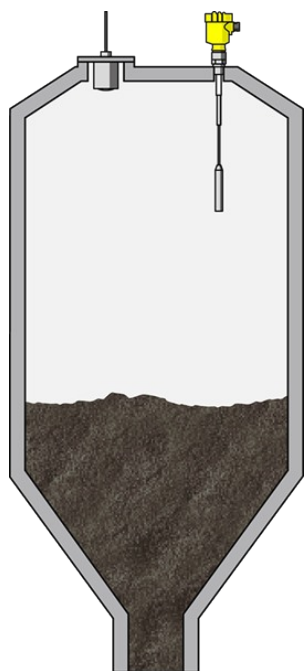





VEGATOR 141

Double channel signal conditioning instrument for level detection

- Simple adjustment of the switching point through a potentiometer
- Clearly visible switching status via LED
- Simple installation through carrier rail mounting as well as detachable, coded terminals

Show Product



BASIC	PRO	
<div>VEGAPULS C 23</div> <div>Show Product</div>	<div>VEGACAP 65</div> <div>Show Product</div>	<div>VEGATOR 141</div> <div>Show Product</div>
		
<div>Measuring range - Distance</div> <div>30 m</div>	<div>Measuring range - Distance</div> <div>-</div>	<div>Protection rating</div> <div>IP20</div>
<div>Process temperature</div> <div>-40 ... 80 °C</div>	<div>Process temperature</div> <div>-50 ... 200 °C</div>	<div>Input</div> <div>1 x 4 ... 20 mA sensor input</div>
<div>Process pressure</div> <div>-1 ... 3 bar</div>	<div>Process pressure</div> <div>-1 ... 64 bar</div>	<div>Output</div> <div>1 x operating relay (SPDT) Optionally 1 x fail safe relay output (SPDT)</div>
<div>Accuracy</div> <div>± 2 mm</div>	<div>Version</div> <div>Cable ø 6 mm with screening tube without weight Cable ø 6 mm with screening tube and gravity weight Cable ø 6 mm with gravity weight Cable ø 8 mm with abrasion protection without weight Cable ø 8 mm with abrasion protection and gravity weight Cable ø 8 mm with gravity weight PA cable ø 12 mm with screening tube and gravity weight</div>	<div>Ambient temperature</div> <div>-20 ... 60 °C</div>
<div>Frequency</div> <div>80 GHz</div>		<div>Signal input (specify)</div> <div>4 ... 20 mA</div>
<div>Beam angle</div> <div>4°</div>		<div>Signal output (specify)</div> <div>Operating relay Fail safe relay</div>
<div>Materials, wetted parts</div> <div>PVDF</div>		
<div>Threaded connection</div> <div>G1, 1 NPT, R1</div>	<div>Materials, wetted parts</div> <div>PTFE 316L PA PEEK Steel</div>	
<div>Protection rating</div> <div>IP66/IP68 (3 bar), Type 6P</div>	<div>Threaded connection</div> <div>≥ G1, ≥ 1 NPT</div>	
<div>Output</div> <div>4 ... 20 mA/HART Modbus SDI-12</div>	<div>Flange connection</div> <div>≥ DN50, ≥ 2"</div>	
	<div>Housing material</div> <div>Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)</div>	
	<div>Protection rating</div> <div>IP66/IP68 (0,2 bar) IP66/IP67 IP66/IP68 (1 bar)</div>	
	<div>Output</div> <div>Relay (DPDT) Contactless electronic switch Transistor (NPN/PNP) Two-wire</div>	