

Reliable

Approved materials according to FDA and EC 1935/2004, as well as local certification

Cost effective

Optimal flow

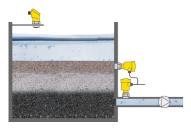
User friendly Function check is possible during operation

Gravel bed filter

Differential pressure and level measurement in a gravel filter

The suspended matter is filtered out of the water via the sand and gravel filled filter tank. Pressure is applied to pump water through the filter bed. Dirt particles are retained in the filter material. The electronic differential pressure measurement monitors the level of contamination in the filter. As soon as the threshold contamination is exceeded, an automatic cleaning cycle of the filter is triggered.

More details





VEGABAR 82

Electronic differential pressure measurement for filter monitoring

- Highly abrasion resistant ceramic CERTEC® measuring cell
- Moisture proof measuring cell for long-term stability and reliability
- Simpler installation, direct mounting means impulse lines are not required

Show Product



Non-contact level measurement with radar in the gravel filter

- High measuring accuracy independent of ambient conditions
- Reliable measurement ensures continuous water supply
- · Maintenance-free operation due to non-contact measurement

Show Product



PRO			BASIC	
VEGABAR 82 Show Product			VEGAPULS 11 Show Product	
			VEEA	
Measuring range - Distance -		Measuring range - Distance 8 m		
Measuring range - Pressure -1 100 bar			Process temperature -40 60 °C	
Process temperature -40 150 °C			Process pressure -1 3 bar	
Process pressure -1 100 bar			Accuracy ± 5 mm / ± 0.2"	
Accuracy 0.05 %			Frequency 80 GHz	
Materials, wetted parts PVDF 316L			Beam angle 8°	
Alloy C22 (2.4602) PP 1.4057			Materials, wetted parts PVDF	
1.4410 Alloy C276 (2.4819)			Threaded connection G1½, 1½ NPT, R1½	
Duplex (1.4462) Titanium Grade 2 (3.7035)			Seal material FKM	
Threaded connection ≥ G ¹ / ₂ , ≥ ½ NPT			Housing material Plastic	
Flange connect ≥ DN15, ≥ ½"	ion			
lotted nut ≥ DN2 ygienic fitting wi	32676, ISO2852 25 - DIN 11851 th tension flange DN32 40 with compression nut			
SMS 1145 DN51 SMS DN38 Swagelok VCR s /arivent G125 /arivent N50-40				
	Control D50 PN16 / 316L			
FKM				

FFKM

