

Reliable

Reliable monitoring of flow rate

Cost effective

Detailed information on the amount of gas produced

User friendly

Maintenance-free operation of the sensor technology



Flow meter for sludge gas

The biogas generated from sewage sludge is used for environmentally friendly production of heat and electricity. It is transported to the storage tanks through a gas pipeline.

More details



VEGABAR 82

Monitoring of gas pressure

- Sensor provides intrinsically safe output signal
- Meets the requirements of ATEX EEx ia IIC T6
- Maintenance-free operation through long-term stability of the ceramic measuring cell

Show Product

VEGATRENN 141

Separator for the optimum supply of power to the connected sensors

- On-site diagnostics for direct display of status via LEDs
- Simple parametrization interface using the HART sockets for user-friendly operation
- Galvanic separation of sensors and PLC is secured

Show Product



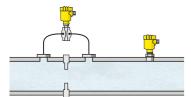
VEGADIF 85

Measurement of gas volume that is taken from the digester

- Detection of the gas volume with standard orifice plate and differential pressure transmitter
- Simple adaptation to existing systems through different orifice plate dimensions
- Reliable measurement and maintenance-free operation

Show Product





PRO

PRO

VEGABAR 82 Show Product	VEGATRENN 141 Show Product	VEGADIF 85 Show Product
		e
Measuring range - Distance -	Protection rating IP20	Measuring range - Pressure -40 40 bar
Measuring range - Pressure -1 100 bar	Input 1 x 4 20 mA/HART sensor input	Process temperature -40 105 °C
Process temperature -40 150 °C	Output 1 x 4 20 mA	Process pressure -1 400 bar
Process pressure -1 100 bar	Ambient temperature -20 60 °C	Accuracy 0.065 %
Accuracy 0.05 %		Materials, wetted parts 316L
Materials, wetted parts PVDF 316L		Tantalum Alloy C276 (2.4819) Monel
Alloy C22 (2.4602) PP		Threaded connection 1/4 - 18 NPT
1.4057 1.4410 Alloy C276 (2.4819)		Flange connection ≥ DN32, ≥ 1%"
Duplex (1.4462) Titanium Grade 2 (3.7035)		Seal material EPDM
Threaded connection ≥ G ¹ / ₂ , ≥ ½ NPT		FKM Copper
Flange connection ≥ DN15, ≥ ½"		Housing material Plastic Aluminium
Hygenic fittings Clamp \geq 1" - DIN32676, ISO2852 State and \geq DN/5C = DIN 44954		Stainless steel (precision casting) Stainless steel (electropolished)
Slotted nut ≥ DN25 - DIN 11851 hygienic fitting with tension flange DN32 hygienic fitting F40 with compression nut DRD connection ø 65 mm SMS 1145 DN51		Protection rating IP66/IP68 (0,2 bar) IP66/IP67 IP66/IP68 (1 bar)
SMS DN38 Swagelok VCR screwing Varivent G125 Varivent N50-40 for NEUMO BioControl D50 PN16 / 316L		
Seal material EPDM		

EPDM FKM FFKM

