

Reliable

Ceramic sensor ensures reliable, accurate measurement

Cost effective

Maintenance-free operation of the measuring system

User friendly

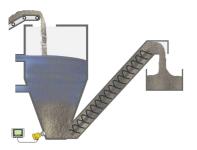
Simple installation and adjustment



Measurement of sand concentration in the sand washer

Before the settled out sand can be used as recycled material, it is cleansed of organic matter in the sand washing plant. The washed sand is then dewatered in a screw press and discharged into a storage vessel. The discharge of the washed sand is controlled by a pressure transmitter.

More details





VEGABAR 82

Measurement of the concentration of washed sand for discharge control

- Measurement of sand height via hydrostatic pressure measurement
- · Wear-free ceramic measuring cell ensures reliable operation
- High accuracy even with small measuring ranges

Show Product

VEGAMET 841

Controller for powering the sensor, and processing and displaying the measured values

- Reliable screw conveyor control optimises energy and plant usage
- Analogue outputs for connection to process control systems
- Clear, easy-to-read, user programmable display

Show Product



PRO	
VEGABAR 82 Show Product	
Measuring range - Distance	e Pro
Measuring range - Pressur -1 100 bar	e Inp 1 x
Process temperature -40 150 °C	Ou 1 x
Process pressure -1 100 bar	3 x 1x 1
Accuracy 0.05 %	-40
Materials, wetted parts PVDF 316L Alloy C22 (2.4602) PP 1.4057 1.4410 Alloy C276 (2.4819) Duplex (1.4462) Titanium Grade 2 (3.7035)	
Threaded connection $\geq G^{1/2}_{2}, \geq \frac{1}{2}$ NPT	
Flange connection ≥ DN15, ≥ ½"	
$\label{eq:spectral} Hygenic fittings \\ Clamp ≥ 1" - DIN32676, ISO2 \\ Slotted nut ≥ DN25 - DIN 118 \\ hygienic fitting with tension fla \\ hygienic fitting F40 with comp \\ DRD connection ø 65 mm \\ SMS 1145 DN51 \\ SMS DN38 \\ Swagelok VCR screwing \\ Varivent G125 \\ Varivent N50-40 \\ \end{tabular}$	51 ange DN32

Seal material

for NEUMO BioControl D50 PN16 / 316L

EPDM FKM FFKM

VEGAMET 841 Show Product

Protection rating P66/IP67, Type 4X

Input

1 x 4 ... 20 mA sensor input

Output

1 x 0/4 ... 20 mA current output 3 x operating relay 1x failure relay (instead of operating relay)

Ambient temperature

-40 ... 60 °C

#