

Reliable

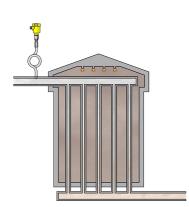
Overload resistant, ceramic CERTEC® measuring cell

Cost effective

One sensor, two measured values: simultaneous measurement of temperature and pressure

User friendly

Long service life with low maintenance



Primary reformer

Pressure measurement at the inlet of the primary reformer

In the primary reformer, methane gas and water vapour react into hydrogen, oxygen, carbon monoxide and carbon dioxide at a pressure of around 30 bar and a temperature of 870 °C. Since the temperature in the reformer is very high, pressure is measured at the inlet via a temperature adapter. The temperature also needs to be measured in order to regulate the process.

More details



VEGABAR 82

Pressure transmitter for measuring pressure at the inlet of the primary reformer

- Extremely rugged ceramic CERTEC® measuring cell with high overload resistance
- Pressure transmitter with integrated temperature sensor
- Available with SIL2 approval

Show Product



	VEGABAR 82
	Show Product
Measuring ra -	nge - Distance
Measuring ra	nge - Pressure
-1 100 bar	
Process temp	perature
-40 150 °C	-
Process pres	SUIP
-1 100 bar	0410
Accuracy 0.05 %	
Materials, we	tted parts
PVDF 316L	
Alloy C22 (2.4)	302)
PP	552)
1.4057	
1.4410	
Alloy C276 (2.4	4819)
Duplex (1.4462	2)
Titanium Grade	e 2 (3.7035)
Threaded cor	nection
≥ G½, ≥ ½ NP	Г
Flange conne	ection
≥ DN15, ≥ ½"	
Hygenic fittin	gs
Clamp ≥ 1" - D	IN32676, ISO2852
Slotted nut ≥ D	N25 - DIN 11851
hygienic fitting	with tension flange DN32
	F40 with compression nut
DRD connection	
SMS 1145 DN SMS DN38	51
SMS DN38 Swagelok VCF	2 screwing
Varivent G125	(Solowing
Varivent N50-4	0
for NEUMO Bi	oControl D50 PN16 / 316L
Seal material	
EPDM	
FKM	

FKM FFKM

