

#### Reliable

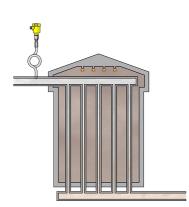
Overload resistant, ceramic CERTEC® measuring cell

## **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

