



## Coke oven

- Reliable
- Reliable measurement in corrosive gases
- Cost effective
- Maintenance-free operation
- User friendly
- Simple installation and setup

### Pressure measurement in the coke oven

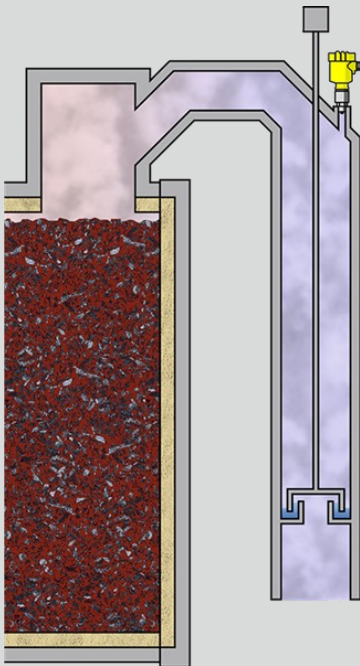
Coke provides the necessary process heat, serves as a metal reducing agent and is a supporting matrix in the blast furnace. To achieve a high quality coke, the pressures in each of the separate ovens of a coking plant are individually regulated.



### VEGABAR 82

Pressure transmitter for pressure monitoring in coke ovens

- High durability thanks to CERTEC® ceramic measuring cell
- Exact measurement even in very small measuring ranges
- High plant availability through very high overload resistance of measuring cell





## VEGABAR 82

### Measuring range - Distance

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### Measuring range - Pressure

-1 ... 100 bar

### Process temperature

-40 ... 150 °C

### Process pressure

-1 ... 100 bar

### Accuracy

0.05 %

### 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

≥ G½, ≥ ½ NPT

### Flange connection

≥ DN15, ≥ ½"

### Hygienic fittings

Clamp ≥ 1" - DIN32676, ISO2852

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

SMS DN38

Swagelok VCR screwing

Varivent G125

Varivent N50-40

for NEUMO BioControl D50 PN16 / 316L

### Seal material

EPDM

FKM

FFKM