



Compressor

Reliable

Safety shutdown in case of excessive pressure

Cost effective

Constant supply of compressed air for production

User friendly

Maintenance-free operation

Pressure measurement in air compressor systems

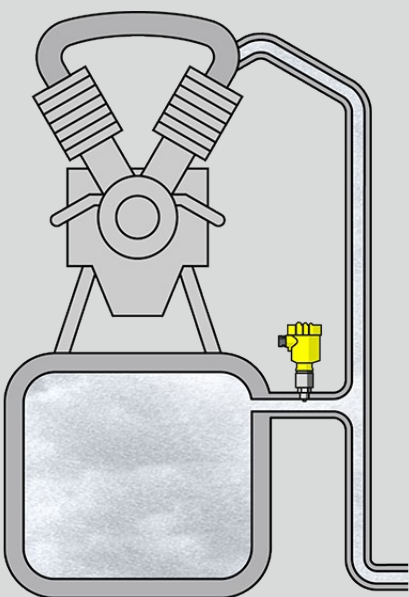
The air compressor system generates the necessary compressed air to transport the material from the silos via the network of feed pipes. To ensure a smooth, steady flow of material, reliable pressure monitoring in the compressors and conveying channels is required.



VEGABAR 82

Pressure transmitter for monitoring pressure in air compressor systems

- High plant availability ensured through high overload resistance of the ceramic CERTEC® measuring cell
- Reliable measurement, unaffected by pressure shocks
- Maintenance-free operation thanks to wear-free measuring cell





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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

≥ G $\frac{1}{2}$, ≥ $\frac{1}{2}$ NPT

Flange connection

≥ DN15, ≥ $\frac{1}{2}$ "

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