

# Data sheet

## Ceramic Pressure Sensor

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### ECO - absolute pressure sensor

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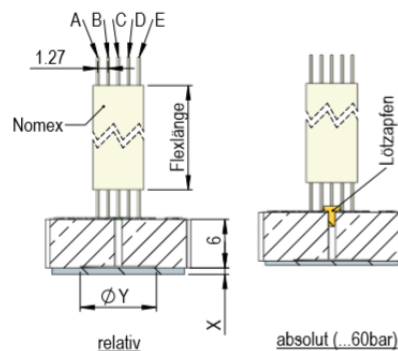
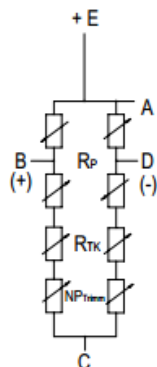
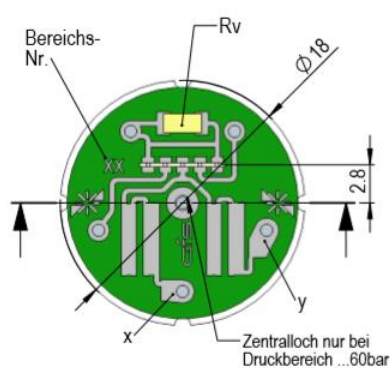
Pressure sensor based on an alumina ceramic body and sensorplate with screenprinted strain gauge structures

- highest chemical resistance to the medium
- integrated temperature compensation
- laser trimming for zero point and temperature compensation
- excellent cost-performance value
- pressure measurement relative to a vacuum reference chamber.

Used by manufacturers of pressure transmitters and pressure measuring systems.

Outer diameter: 18 mm

Range Nr.	Pressure Ranges:	Overpressure	Burstpressure	plate x /mm
B10	0...1,0 bar	>2	>3	0,13
B11	0...1,6 bar	>3,2	>4,8	0,17
B12	0...4 bar	>8	>12	0,25
B02	0...6 bar	>12	>18	0,3
B13	0...10 bar	>20	>30	0,4
B03	0...16 bar	>32	>48	0,5
B14	0...25bar	>50	>75	0,63
B04	0...40 bar	>80	>120	0,8
B15	0...60 bar	>120	>180	1
B05	0...100 bar	>200	>300	0,63
B16	0...160 bar	>320	>480	0,8
B06	0...250 bar	>500	>750	1



Output (FS): 22...32mV (10 VDC)

-Zero offset (ZP): ±2mV, by 10 VDC

-Supply voltage: max 15VDC

-Bridge resistance: 10kΩ, ±30%

Long term stability ZP/by using: ±0.3% FS/12 month @25°C

Temperature coefficient ZP: ±300 ppm/K Tc sensitivity: ±300 ppm/K

Media temperature: -40...+125°C

Membrane Material: Al2O3 96%

All technical data serves as a guideline and does not guarantee any particular properties to the product.