

Type:

- Pressure transmitter

Range:

- 0 – 10 barg

Application:

- The pressure transmitter converts pressure to an electric signal. The units are supplied as two wire transmitters with an output signal of 4-20 mA. The output current is linearly proportional to the input pressure.

Material:

- Housing: Stainless steel with ceramic measuring cell and electronics module. The temperature-compensated ceramic measuring cell has a thin-film strain gauge which is mounted on a ceramic diaphragm.
- Process connection: Stainless steel
- Gasket: Viton

Technical data:

Electrical specification:

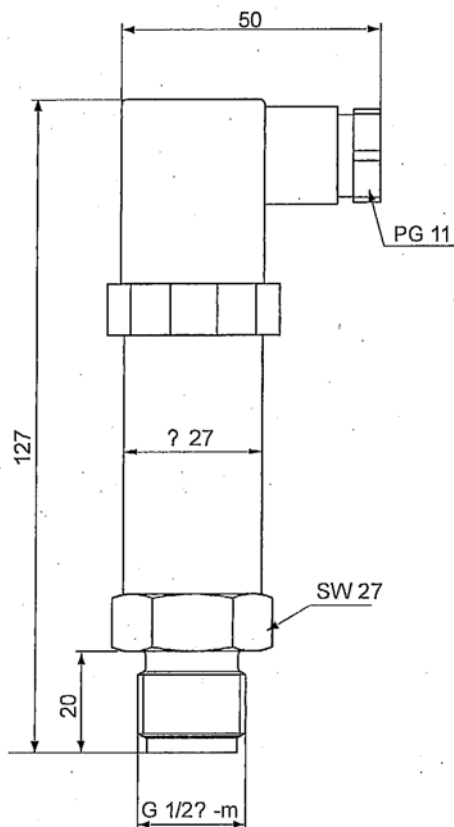
- Current output signal: 4 to 20 mA
- Voltage output signal (only measuring range ≥ 1 bar: 0...10 V_{DC})
- Power supply terminal voltage for current output: 10...36V_{DC}

Accuracy:

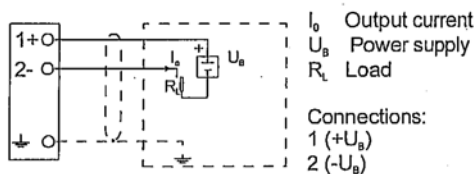
- Response time T₉₉: <0.1 s
- Influence of ambient temperature at start of scale: 0.25%/10K (0.25%/10K) of full scale value
- Influence of ambient temperature at full scale value: 0.25%/10K (0.25%/10K) of full scale value

Mechanical:

- Process temperature: +30°C to +120°C
- Ambient temperature: +25°C to +85°C
- Degree of protection to EN 60529: IP65
- Weight: 0.25 kg



Connection diagram:



Type No.: 8012
Version: A

Pressure transmitter
0 – 10 barg

8010 000012