

Pressure Sensor

P/N 56.01.001

Dimensions

- Length including connector 95 mm (3.74")
- Length of process connection 51 mm (2.01")

Connections

- Process connection G 1/4" DIN EN 837

Measuring Range

- Relative pressure 0 bar to 10 bar overpressure

Mechanical Data

- Permissible vibration resistance 50g at 10 Hz to 2,000 Hz
- Permissible shock resistance 50g for 3 ms
100g for 2 ms

Climatic Environmental Conditions

Permissible temperature

- Medium -20 °C to +125 °C (-4 °F to +257 °F)
- Ambient -20 °C to +85 °C (-4 °F to +185 °F)
- Storage -40 °C to +125 °C (-40 °F to +257 °F)

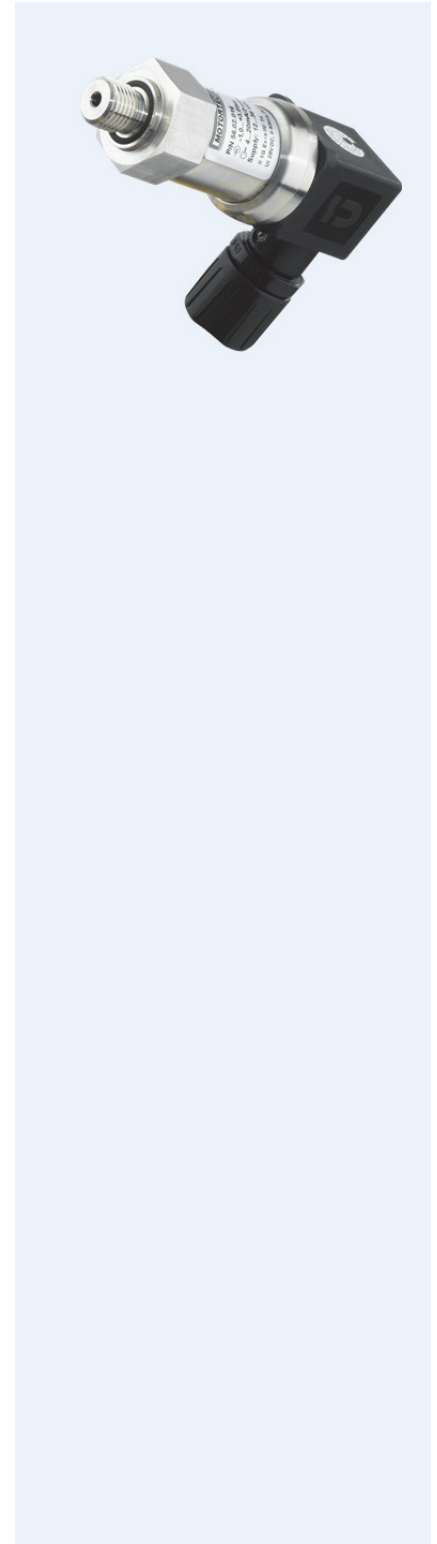
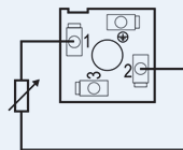
Electrical Data

- Power supply (U_B) 8 V DC to 30 V DC
- Working resistance (current 4 mA to 20 mA, two-wire) $R_L \leq (U_B - 8 \text{ V})/0.02 \text{ A}$

Pin Designation

- 1: Power supply $U_B +$
- 2: Power supply $U_B -$

Two-wire connection



Overview Drawing

