Pressure Sensor
P/N 56.02.017

Dimensions
• Length including connector: 100 mm (3.94")
• Length of process connection: 67 mm (2.64")

Connections
• Process connection: G 1/4" DIN 3852
• Seal: FKM

Measuring Range
• Relative pressure: 0 bar to 3 bar overpressure
• Accuracy (standard for $P_r \geq 0.4$ bar): 0.35%

Mechanical Data
• Permissible vibration resistance: 10g RMS at 25 Hz to 2,000 Hz according to DIN EN 60068-2-6
• Permissible shock resistance: 500g for 1 ms according to DIN EN 60068-2-27

Climatic Environmental Conditions
• Maximum ambient temperature
  - In zone 0: $-20 \, ^\circ C$ to $+60 \, ^\circ C$ ($-4 \, ^\circ F$ to $+140 \, ^\circ F$)
  - at $p_{max}$ $0.8$ bar to $1.1$ bar
  - In zone 1: $-20 \, ^\circ C$ to $+70 \, ^\circ C$ ($-4 \, ^\circ F$ to $+158 \, ^\circ F$)

Electrical Data
• Power supply ($U_s$): 10 V DC to 28 V DC
• Working resistance (current 4 mA to 20 mA, two-wire): $R_{Max} = (U_s - 10 \, V)/0.02 \, A$

Pin Designation
• 1: Power supply $U_s$ +
• 2: Power supply $U_s$ –

Two-wire connection