# 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 (Ua): 8 V DC to 30 V DC
- Working resistance (current 4 mA to 20 mA, two-wire): R. <sup>≤</sup> (Ua – 8 V)/0.02 A

## Pin Designation
- 1: Power supply Ua +
- 2: Power supply Ua –
Overview Drawing