

D02: Averaging Sensor with Connection Head, 500°F Max. Specifications

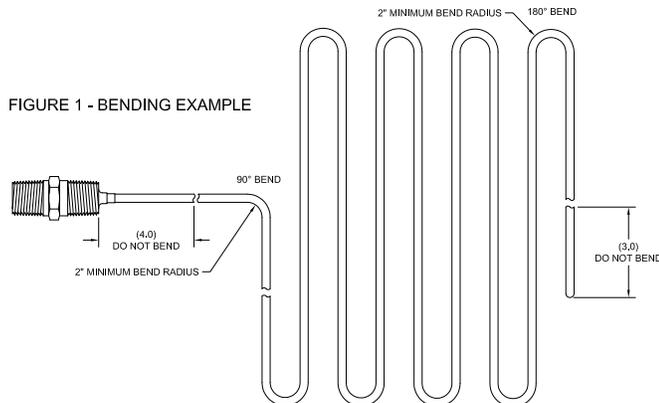
The D02 is a high temperature averaging sensor. The small 3/16" diameter with a 13 foot sensitive length can be custom formed to fit most air temperature applications. The sensor can be mounted with an optional mounting flange.

Features and Benefits:

- Application: Air temperature in ovens, pipes, or ductwork. Can also be used to measure average surface temperature of a vessel or pipe by wrapping the sensor around the object and covering with insulation.
- Accuracy: Standard 0.10% of resistance at 0.0°C (32°F)
- Element/Lead Wire Configuration: Single 3 or 4 wire
- Sheath: 316 stainless steel, 3/16" diameter
- High Temperature Capability: 260°C (500°F)
- Field formable for custom installation (2" minimum bend radius) (See Figure 1)
- Optional Connection Head – Multiple styles available

Specifications

- Element Configuration: Single, 100 or 200 ohms at 0°C (32°F), 0.00385 ohm/ohm/°C nominal alpha
- Temperature Range: -46°C to 260°C (-50°F to 500°F)
- Insulation Resistance: 100 MΩ, 100 VDC at room temperature



Optional Mounting Flange:

