

D04: Averaging Sensor with Cable, 500°F Max. Specifications

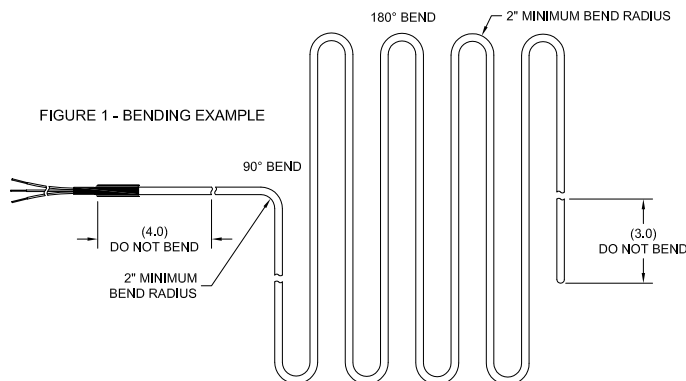
The D04 is a high temperature averaging sensor. The small 3/16" diameter with a 13 foot sensitive length can be custom formed to fit most air temperature applications. The sensor can be mounted with a compression fitting or clamps

Features and Benefits:

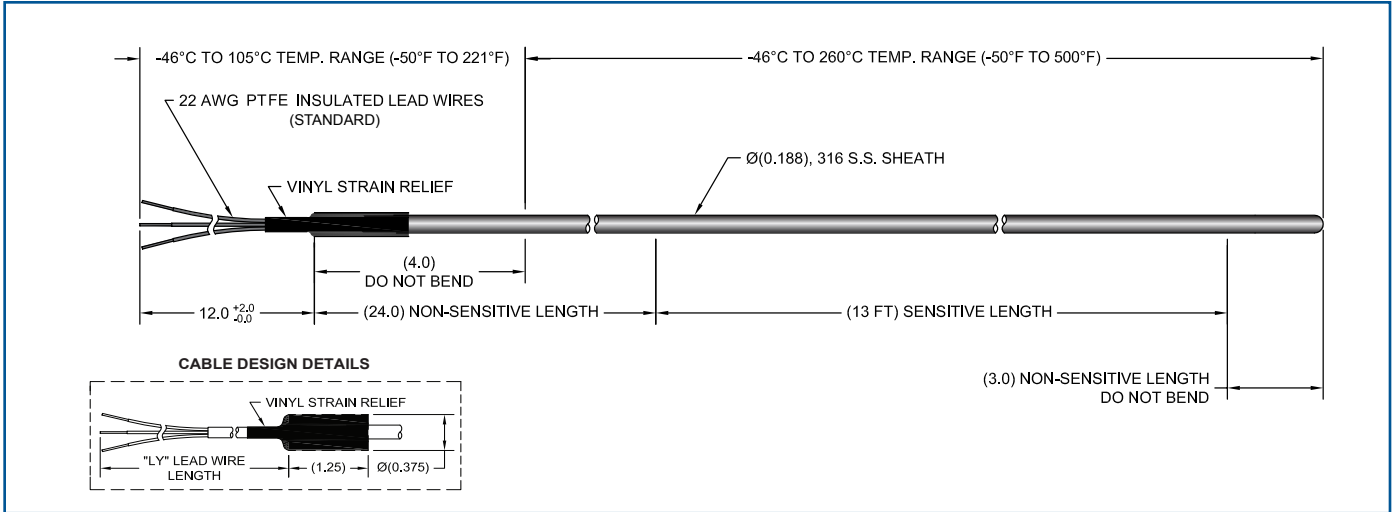
- Application: Air temperature in ovens, pipes, or ductwork. Can also be used to measure average surface temperature of a vessel or pipe by wrapping the sensor around the object and covering with insulation.
- Accuracy: Standard 0.10% of resistance at 0.0°C (32°F)
- Element/Lead Wire Configuration: Single 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)

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
- Wire:
 - Individual lead wires: 120" PTFE insulated wires - 22 AWG
 - Cable designs:
 - > 0.375" diameter, 1.25" long transition fitting added
 - > PTFE insulated wires with FEP jacket - 22 AWG
 - > Add '/LY___' to specify cable. See Common Options on page 26 for details.



D04: Averaging Sensor with Cable, 500°F Max. Ordering Information



D04- Averaging Sensor, 260°C (500°F) Maximum Temperature

RTD (Accuracy)

10 Standard RTD $\pm 0.1 \Omega$ of Resistance at 0°C

Element/Lead Wire Configuration

- A Three Wire Single Element
- B Four Wire Single Element

Element Resistance

- 21 100 Ω Element
- 22 200 Ω Element

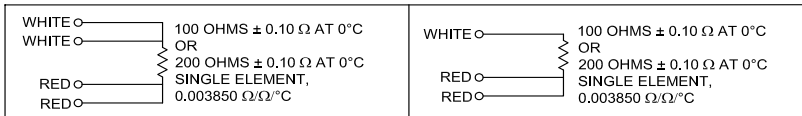
D04

Basic Order Codes

(Leave Blank if not Required)

Common Options
(pages 25-26)

Example Part # D04-10A-21



NOTE: For cable designs add LY option code to the part number. See page 26 for cable options.