

D06: Multi-Point Averaging Sensor with Cable, 400°F Max.

Specifications

The D06 is an averaging sensor incorporating four (4) discrete sensors within a rigid sheath to provide an average temperature. This low-profile sensor allows various installation approaches. Designed for dryers and HVAC systems, the sensor can be mounted with a compression fitting or clamps. This sensor is not designed to be bent.

Features and Benefits:

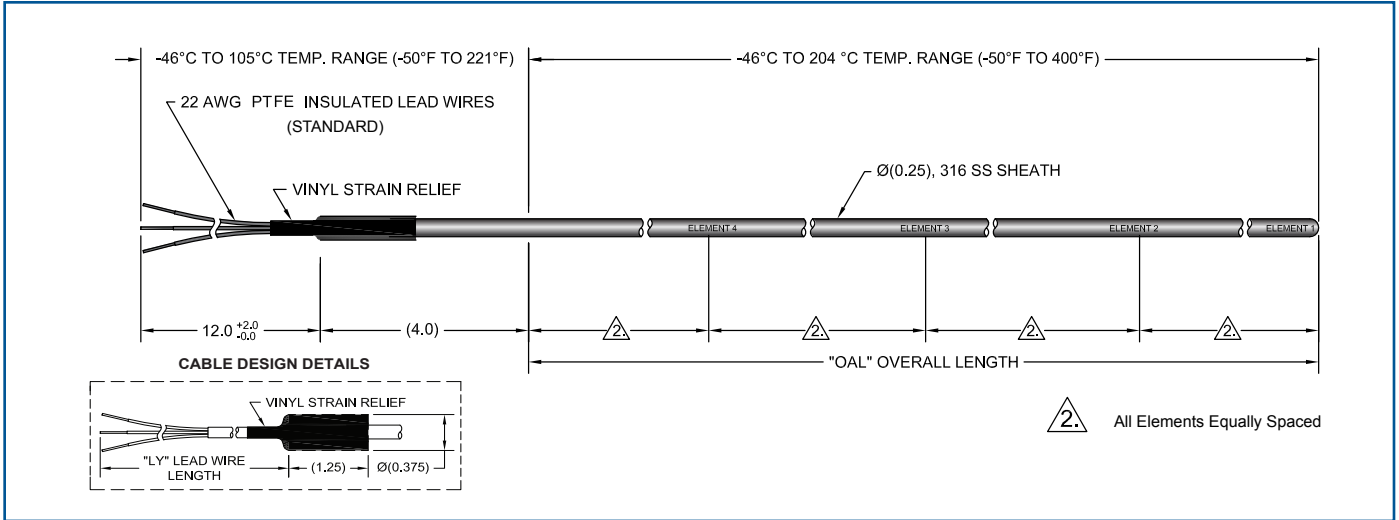
- Application: High temperature air measurements in dryers, pipes, ducts, or other temperature chambers
- Accuracy: Standard 0.10% of resistance at 0.0°C (32°F)
- Element/Lead Wire Configuration: Single 3 or 4 wire
- Sheath:
 - Material: Rigid 316L stainless steel
 - Diameter: 0.25"
- Sensing elements are evenly spaced along the measurement length
- Can be installed in an optional thermowell for improved durability

Specifications

- Element Configuration: Single 100 ohms at 0.0°C (32°F), 0.00385 ohm/ohm/°C nominal alpha
- Temperature Range: -46°C to 204°C (-50°F to 400°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.

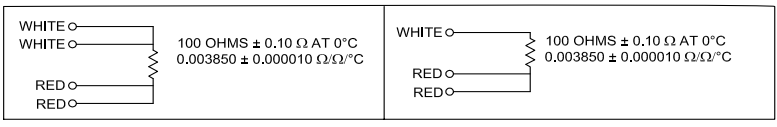


D06: Multi-Point Averaging Sensor with Cable, 400°F Max. Ordering Information



D06- 240°C (400°F) Multipoint Averaging Sensor				
RTD (Accuracy)				
10	Standard RTD 100 OHMS ± 0.1 Ω at 0°C			
Element/Lead Wire Configuration				
A	Three Wire Single Element			
B	Four Wire Single Element			
"OAL" - Overall Length in Inches				
12	12 Inches			
24	24 Inches			
36	36 Inches			
D06				
Basic Order Codes				(Leave Blank if not Required)
				Common Options (pages 25-26)

Example Part # D06-10B12



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