

D05: Multi-Point Averaging Sensor with Connection Head, 400°F Max. Specifications

The D05 is an averaging sensor incorporating four (4) discrete sensors within a rigid sheath to provide an average temperature. Designed for dryers and HVAC systems, the sensor can be mounted with an optional mounting flange. 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
- Optional connection heads and digital indicators available
- Can be installed in a 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

Optional Mounting Flange:



