### Temperature Sensor Assemblies with Thermowells

Series T Sensor Assemblies are available in a variety of head styles and thermowell materials. All elements are spring loaded to ensure positive contact in the thermowell. Thermowells are non-lagging. The sensor sheath material is constructed of 316 SS regardless of the well material specified.

**Model Coding - Sensor Assemblies with Thermowells**

Fill in the appropriate numbers or letters to specify the probe of your choice. Fill in all boxes. If an item or dimension does not apply, fill those boxes with zeros ‘0’.

**Temperature Sensors**

<table>
<thead>
<tr>
<th>Temperature Sensors</th>
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<tbody>
<tr>
<td>J – T/C</td>
</tr>
<tr>
<td>K – T/C</td>
</tr>
<tr>
<td>E – T/C</td>
</tr>
<tr>
<td>T – T/C</td>
</tr>
<tr>
<td>6 – 100Ω RTD:</td>
</tr>
<tr>
<td>3-Wire 0.00385Ω/°C</td>
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<tr>
<td>Z – 100Ω RTD:</td>
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<td>3-Wire 0.00385Ω/°C</td>
</tr>
<tr>
<td>4 – 100Ω RTD:</td>
</tr>
<tr>
<td>3-Wire 0.00392Ω/°C</td>
</tr>
</tbody>
</table>

### Sensor Type

- **J** – T/C
- **K** – T/C
- **E** – T/C
- **T** – T/C
- **6** – 100Ω RTD:
  - 3-Wire 0.00385Ω/°C
- **Z** – 100Ω RTD:
  - 3-Wire 0.00385Ω/°C
- **4** – 100Ω RTD:
  - 3-Wire 0.00392Ω/°C

### Well Material

- **0** – None
- **1** – 304 SS
- **2** – 316 SS
- **3** – Brass
- **4** – Carbon Steel

### Taper/Bore

- **0** – None
- **1** – Step/0.260
- **2** – Straight/0.385
- **3** – Taper/0.260
- **4** – Taper/0.385
- **5** – Straight/0.260

### Extension

- **1** – Steel
  - 1/2 NPT 1 in hex
- **2** – Brass
  - 1/2 NPT 1 in hex
- **3** – Carbon Steel
  - 1/2 NPT 1 in hex
- **4** – Steel
  - 1/2 NPT 4 in nipple
- **5** – Steel
  - 1/2 NPT 4 in nipple
- **6** – 1/2 NPT 4 in union
- **7** – Steel
  - 1/2 NPT 4 in union
- **8** – Steel
  - 1/2 NPT 4 in union
- **9** – Steel
  - 1/2 NPT 4 in union
- **A** – 1/2 NPT 1 in hex
- **B** – 1/2 NPT 4 in nipple
- **C** – 1/2 NPT 4 in nipple
- **D** – 1/2 NPT 4 in nipple

### Elements

- **1** – Single
  - (Ungrounded/RTD)
- **2** – Dual
  - (Ungrounded/RTD)
- **3** – Single
  - (Grounded)
- **4** – Dual
  - (Grounded)
- **5** – Single
  - (Grounded)
- **6** – Single
  - (Grounded)
- **7** – Single
  - (Grounded)
- **8** – Single
  - (Grounded)
- **9** – Single
  - (Grounded)

### Head

- **0** – Aluminum Screw Cover
- **1** – Aluminum Snap Cover
- **2** – Polypropylene Snap Cover
- **3** – Polypropylene Screw Cover
- **4** – Steel Screw Cover
- **5** – 304 SS Screw Cover
- **6** – 304 SS Screw Cover
- **7** – 316 SS Screw Cover
- **8** – 316 SS Screw Cover
- **9** – 316 SS Screw Cover

### Process Connection

- **0** – None
- **1** – 1/2 NPT (5/8 to 1/2 Step)
- **2** – 3/4 NPT (3/4 to 1/2 Step)
- **3** – 1/2 NPT (5/8 to 1/2 Step)
- **4** – 3/4 NPT (7/8 to 1/2 Step)
- **5** – 1 NPT (1-1/16 to 49/64 Taper)
- **6** – 3/4 NPT (7/8 to 49/64 Taper)
- **7** – 3/4 NPT (7/8 to 5/8 Taper)
- **8** – 1 NPT (1-1/16 to 5/8 Taper)
- **9** – 3/4 NPT (7/8 to 49/64 Taper)
- **A** – 1 NPT (1-1/16 to 49/64 Taper)
- **B** – 1/2 NPT (5/8 Straight)
- **C** – 1/2 NPT (5/8 Straight)
- **D** – 1 NPT (7/8 Straight)

*For replacement sensors, specify ‘0’ for well material, taper and bore, and process connections.