## Model TEC-704 3/16 DIN Temperature Controller

### Design Features
- **3/16 DIN size** – 72 mm × 72 mm
- **Laser trimmed ASIC components**
- **Short panel depth** – only 2-9/16” (65 mm) required
- **On-off or time proportional selection**
- **Digital display, 0.4” (10 mm) red LEDs**
- **Wide selection of output options**
- **High precision wire wound dial/potentiometer setpoint**
- **Sensor break protection**
- **Good performance at a very low price**

### Agency Approvals

| CE |  |

### Hardware Code: TEC-704-

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<th>1</th>
<th>2</th>
<th>3</th>
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<th>5</th>
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A Part Number based on the hardware code and any software pre-programming will be issued at time of order.

**Standard lead time is stock to 2 weeks.**

### Power Input **BOX 1**

- **4** = 90-264 VAC 50/60 Hz

### Signal Input **BOX 2**

- **1** = Thermocouple: Type J
- **2** = Thermocouple: Type K
- **3** = RTD: 100 ohm PT, DIN 0.00385
- **4** = RTD: 100 ohm PT, JIS 0.00392
- **9** = Other

### Standard Range Code **BOX 3**

<table>
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<tr>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>300°C</td>
<td>550°F</td>
<td>600°C</td>
</tr>
<tr>
<td>600°C</td>
<td>850°F</td>
<td>1100°F</td>
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</table>

**Below available for large volume orders. Consult Tempco for more information.**

- **2** = 0 to 100°C  
- **3** = 0 to 200°C  
- **5** = 0 to 400°C  
- **7** = 0 to 800°C  
- **8** = 0 to 1200°C  
- **9** = Other

### Control Mode **BOX 4**

- **1** = On - Off
- **2** = Proportional

### Output 1 **BOX 5**

- **1** = Relay: 5A / 240 VAC
- **2** = Pulse DC for SSR drive: 20 VDC (20 mA max)
- **3** = 4-20 mA, linear (max load 500 ohms)
- **4** = 0-20 mA, linear (max load 500 ohms)
- **5** = 0-10 VDC, linear (min. impedance 500K ohms)
- **9** = Other

### Output 2 **BOX 6**

- **0** = Not Available

### Alarm **BOX 7**

- **0** = None
- **1** = Relay: 2A / 240 VAC Deviation alarm

### Communication **BOX 8**

- **0** = Not Available

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**View Product Inventory @ www.tempco.com**