TEMPCO
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Model **TEC-704** 3/16 DIN

Model TEC-704 3/16 DIN Temperature Controller

Simple Setpoint and Display!

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

⚠️ **Note:** **TEC-704 has been discontinued. Refer to TEC-7100 (pages 13-30 & 13-31) for replacement controllers or contact Tempco.**

Hardware Code: **TEC-704-** [1] [2] [3] [4] [5] [6 = 0] [7] [8 = 0]

A Part Number based on the hardware code and any software pre-programming will be issued at time of order.

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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*
4 = 0 to 300°C   **C** = 50 to 550°F
6 = 0 to 600°C   **E** = 50 to 950°F
                      = 50 to 1200°F

Below available for large volume orders. Consult Tempco for more information.
2 = 0 to 100°C   **A** = 50 to 200°F
3 = 0 to 200°C   **B** = 50 to 400°F
5 = 0 to 400°C   = 50 to 750°F
7 = 0 to 800°C   = 50 to 1400°F
= 0 to 1200°C   **H** = 0 to 2200°F
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