

Model TEC-805 1/8 DIN Temperature Controller



Simple Setpoint and Display!

Agency Approvals:



Design Features

- * 1/8 DIN size – 48 mm × 96 mm
- * Short panel depth – only 2-9/16" (65 mm) required
- * Laser trimmed ASIC components
- * On-off or time proportional selection
- * Digital input by pushwheel switch
- * Digital display on 0.4" (10 mm)
- * Wide selection of output options
- * Universal power input, 90-264 VAC
- * Sensor break protection
- * Good performance at a very low price

Hardware Code: TEC-805- 1 2 3 4 5 0 7 0

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

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

Range code BOX 3

- X** = 0 to 499°F **C** = 0 to 299°C
- V** = 0 to 999°F **E** = 0 to 499°C
- W** = 0 to 1999°F **H** = 0 to 999°C

Other ranges are available for large volume orders. Consult Tempco for more information.

Control Mode BOX 4

- 1** = On - Off (used for valves & solenoids)
- 2** = Proportional (common for electric heaters)

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