Model TEC-805 1/8 DIN Temperature Controller

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

Simple Setpoint and Display!

Agency Approvals

Hardware Code: TEC-805-

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

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 V AC
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 V AC
    Deviation alarm

Communication BOX 8
0 = Not Available

View Product Inventory @ www.tempco.com