Temperature Controllers

Models TEC-402 & TEC-401 1/4 DIN

With Process Temperature Deviation Meter!

Low Cost Non-Indicating Control!

Design Features

- 1/4 DIN size – 96 mm × 96 mm
- Model TEC-402 temperature control with deviation meter
- Model TEC-401 non-indicating temperature control
- Laser trimmed ASIC components
- Short panel depth – only 2.0” (51 mm) required
- On-off or time proportional selection
- Wide selection of output options
- Potentiometer setpoint
- Sensor break protection
- Good performance at a very low price

Agency Approval:

With Deviation Meter

Hardware Code: TEC-402-

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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.

Non-Indicating

Hardware Code: TEC-401-

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Power Input BOX 7

3 = 100-130 VAC, 50/60 Hz or 200-240 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

Control Mode BOX 4

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

Communication BOX 8

0 = Not Available

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 (TEC-402) only BOX 7

0 = None
1 = Relay: 3A / 240 VAC deviation alarm

View Product Inventory @ www.tempco.com

Standard Range Code BOX 3

4 = 0 to 300°C C = 50 to 550°F
6 = 0 to 600°C E = 50 to 850°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 D = 50 to 750°F
7 = 0 to 800°C F = 50 to 1100°F
8 = 0 to 1200°C G = 50 to 1400°F
9 = Other H = 0 to 2200°F