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

With Process Temperature Deviation Meter!

Agency Approval: CE

TEC-401 has been discontinued. Refer to TEC-402 for replacement controllers or contact Tempco.

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

With Deviation Meter
Hardware Code: **TEC-402-**

1	2	3	4	5	6	7	8
					0		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*

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

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

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 (TEC-402) only *BOX 7*

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

Communication *BOX 8*

0 = Not Available

View Product Inventory @ www.tempco.com