Temperature Controllers
Models TEC-905 & TEC-900 1/16 DIN

Model TEC-905 1/16 DIN Controller & Model TEC-900 1/16 DIN Indicator Only

Design Features
* 1/16 DIN size – 48 mm × 48 mm
* Short panel depth – only 3-3/8” (86 mm) required
* Laser trimmed ASIC components
* On-off or time proportional selections
* Wide selection of output options
* Universal power input, 90-264 VAC
* Sensor break protection
* Good performance at a very low price
* Model TEC-905 control with pushwheel setpoint
* Model TEC-900 indicator only

Agency Approvals

Simple Setpoint and Display!

Display only!

Temperature Controller

Hardware Code: TEC-905-

1 2 3 4 5 6 7 8

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.

Temperature Indicator

Hardware Code: TEC-900-

1 2 3 4 5 6 7 8

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 (TEC-905 only)

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.

Range code (TEC-900 only)

Box 3

A = 0 to 1200°F – Type J
B = 0 to 600°C – Type J
C = 0 to 2000°F – Type K
D = 0 to 1100°C – Type K
RTD
E = -32 to 752°F  F = 0 to 400°C

Control Mode

Box 4

(TEC-905 only)

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

Output 1

(TEC-905 only)

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

Alarm

Box 7

Communication

Box 8

0 = Not Available

View Product Inventory @ www.tempco.com