

PROPORTIONAL TEMPERATURE CONTROLLERS

T991

For modulating control of water or air temperature in ducts, tanks and similar applications.

- Fast response models (for duct mounting) have coiled sensing element giving at least four times faster response than standard models.
- Ambient temperature compensated for the case and tubing.
- Sensing element capillary tubing allows remote mounting of sensing element.
- Setpoint may be read and adjusted through cover.
- Throttling dial inside case adjusts proportional throttling range.



T991

Proportional Temperature Controllers										
Part Number	Setpoint Temperature		Modulating Output	Relay Outputs	Element Type	Capillary Length		Throttling Range		Comments
	°F	°C				Feet	Meters	°F	°C	
T991A1004	0° F to 100° F	-18° C to +38° C	One 135 Ohm Output	N/S	Copper bulb	5 ft	1.5 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A1012	0° F to 100° F	-18° C to +38° C	One 135 Ohm Output	N/S	Copper bulb	20 ft	6.1 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A1061	160° F to 260° F	71° C to 127° C	One 135 Ohm Output	N/S	Copper bulb	5 ft	1.5 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A1079	160° F to 260° F	71° C to 127° C	One 135 Ohm Output	N/S	Copper bulb	20 ft	6.1 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A1095	5° F to 95° F	-15° C to +35° C	One 135 Ohm Output	N/S	Copper bulb	5 ft	1.5 m	3° F to 30° F	1.7° C to 16.7° C	Celsius Scale
T991A1103	N/S	-15° C to +35° C	One 135 Ohm Output	N/S	Copper bulb	20 ft	6.1 m	3° F to 30° F	1.7° C to 16.7° C	Celsius Scale
T991A1152	N/S	75° C to 125° C	One 135 Ohm Output	N/S	Copper bulb	5 ft	1.5 m	3° F to 30° F	1.7° C to 16.7° C	Celsius Scale
T991A1186	55° F to 175° F	13° C to 79° C	One 135 Ohm Output	N/S	Copper bulb	5 ft	1.5 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A1194	55° F to 175° F	13° C to 79° C	One 135 Ohm Output	N/S	Copper bulb	20 ft	6.1 m	3.5° F to 36° F	1.9° C to 20° C	N/S
T991A1210	59° F to 167° F	15° C to 75° C	One 135 Ohm Output	N/S	Copper bulb	5 ft	1.5 m	3° F to 30° F	1.7° C to 16.7° C	Celsius Scale
T991A1244	55° F to 175° F	13° C to 79° C	One 135 Ohm Output	N/S	Copper bulb	5 ft	1.5 m	3.5° F to 36° F	1.9° C to 20° C	N/S
T991A1269	55° F to 175° F	13° C to 79° C	One 280 Ohm Output	N/S	Copper bulb	20 ft	6.1 m	3.5° F to 36° F	1.9° C to 20° C	280 ohm
T991A1343	55° F to 175° F	13° C to 79° C	One 280 Ohm Output	N/S	Copper bulb	5 ft	1.5 m	3.5° F to 36° F	1.9° C to 20° C	N/S
T991A1350	55° F to 175° F	13° C to 79° C	One 135 Ohm Output	N/S	Copper averaging element	24 ft	7.3 m	3.5° F to 36° F	1.9° C to 20° C	N/S
T991A1426	0° F to 100° F	-18° C to +38° C	One 135 Ohm Output	N/S	Copper bulb	5 ft	1.5 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A1715	0° F to 100° F	-18° C to +38° C	One 135 Ohm Output	N/S	Copper fast response element	5 ft	1.5 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A1756	55° F to 175° F	13° C to 79° C	One 135 Ohm Output	N/S	Copper fast response element	5 ft	1.5 m	3.5° F to 36° F	1.9° C to 20° C	N/S
T991A1764	0° F to 100° F	-18° C to +38° C	One 135 Ohm Output	N/S	Copper averaging element	24 ft	7.3 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A2069	0° F to 100° F	-18° C to +38° C	One 135 Ohm Output	N/S	Copper fast response element	20 ft	6.1 m	3° F to 30° F	1.7° C to 16.7° C	N/S
T991A2127	0° F to 100° F	N/S	One 135 Ohm Output	N/S	Copper bulb	5 ft	1.5 m	3° F to 30° F	1.7° C to 16.7° C	N/S