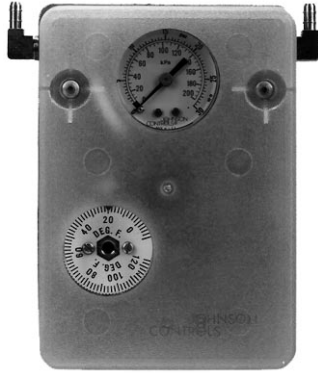


T-8000

# Remote Element Controller



## Description

The T-8000 Bulb Element Thermostat provides proportional, two-position, direct action, or reverse action temperature control. The T-8000 is designed for applications which require the sensing element to be located where extreme conditions do not permit controller mounting or where operational adjustments to the controller would be inconvenient. This relay-type instrument is ideally suited for installations requiring the controller to be mounted on a local control panel.

## Features

- proportional sensitivity or two-position action selected from a marked rail. The rail is marked DA (Direct Acting) and RA (Reverse Acting)
- equipped with flexure levers to reduce hysteresis and friction
- gage and set point dial are visible through the cover
- designed for surface mounting
- adjustable gain (proportional) or differential (two-position) by repositioning the sliding leakport

## To Order

Specify the code number from the following selection chart.

## Selection Chart

Code Number	Description		
	Element	Dial (Two-Sided)	Capillary Length
<b>Proportional Action, Non-Compensated Capillary</b>			
T-8000-1	Bulb  8 ft Avg.	-10 to 124°F	4 ft
T-8000-3			15 ft
T-8000-4		110 to 244°F	4 ft
T-8000-6			15 ft
<b>Two-Position Action, Non-Compensated Capillary</b>			
T-8000-70	Bulb	-10 to 124°F 110 to 244°F	15 ft

## Accessories

Code Number	Description
T-8000-16	External Pilot Orifice Kit
T-8000-101	Metric Dial (Two Sided), -20 to 55°C and 45 to 120°C
T-275-100	Bulb Holder
T-275-101	Averaging Element Holder
T-800-1603	Single-Hub Duct Flange
T-800-1604	Double-Hub Duct Flange
T-800-1605	Brass Well, 6-1/2 in.
T-800-1606	Stainless Steel Well, 5-1/4 in.
T-800-1610	Bulb Element Adaptor Nut, 1/2 in. NPT
T-800-1624	Dual Brass Well, 6-1/2 in.
SHL10A-603R	Bulb Weather Shield
TE-6001-8	Temperature Element Holder

## Repair Parts

Code Number	Call-out	Description			
G-2010-5	A	Output Gauge <sup>(a)</sup> , 0 to 30 psig (0 to 210 kPa), 1-1/2 in.			
T-800-1004	B	<b>Capillary</b>		<b>Element</b>	
		Type	Length	Type	Material
		Non-Compensated (Copper)	4 ft	Bulb 8 ft Avg.	Copper
		Compensated (Stainless Steel)	8 ft	Bulb	S. S.
	25 ft				
T-800-1017			35 ft		
T-800-1020					
T-8000-618	C	Orifice and Filter Replacement Kit with Orifice, 1/8 in. O.D.		0.005 in. Red Orifice	
T-8000-619		Polytubing and Filter (Order in Multiples of Five)		0.007 in. Aqua Orifice	
F-1000-355	D	Polytubing, 1/8 in. O.D. (Order in Multiples of 50 ft)			
T-3100-605		Supply Inlet Filter (Package of 100)			

(a) The gauge on instruments manufactured before 1985 cannot be replaced.

