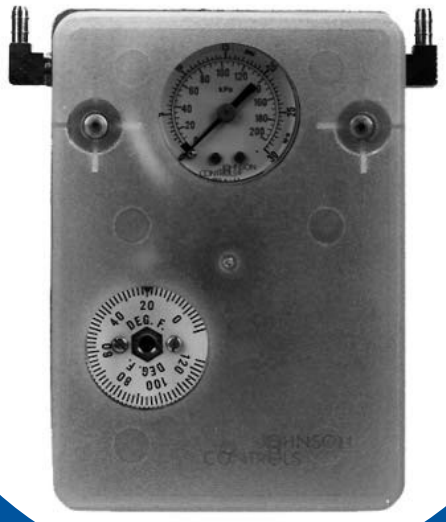
T-8000 Remote Element Controller Catalog Page

LIT-1921580

2020-01-06



Description

The T-8000 Bulb Element Controller 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.

Refer to *T-8000 Proportional and Two-Position Remote Element Controllers Product Bulletin (LIT-7171280)* for important product information.

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

Repair Information

If the T-8000 Bulb Element Controller fails to operate within its specifications, replace the unit. For a replacement thermostat, contact the nearest Johnson Controls® representative.

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Selection Charts

Table 1: T-8000 Bulb Element Controller

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

Figure 1: T-8000, Accessories and Maintenance Parts

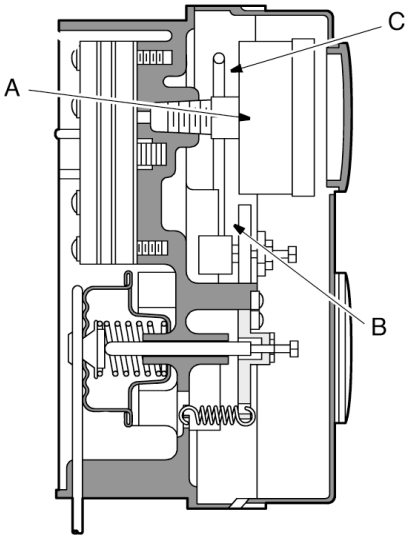


Table 2: Accessories and Maintenance Parts for T-8000 Bulb Element Controller

Code Number	Callout	Description	
T-8000-16	---	External Pilot Orifice Kit	
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	
SHL10A-603R	---	Bulb Weather Shield	
TE-6001-8	---	Temperature Element Holder	
G-2010-5	A	Output Gauge[1], 0 to 30 psig (0 to 210 kPa), 1-1/2 in.	
T-8000-618	B	Orifice and Filter Replacement Kit with Orifice, 1/8 in. O.D. Polytubing and Filter (Order in Multiples of Five)	0.005 in. Red Orifice
T-8000-619			0.007 in. Aqua Orifice
F-1000-355	C	Polytubing, 1/8 in. O.D. (Order in Multiples of 50 ft)	

1 The gauge on instruments manufactured before 1985 cannot be replaced.

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