

# Controls & Accessories - Thermostat Accessories

## Neon Pilot Light - Type TCR-PL (Figure 1)

Pilot lights are shipped separately for field mounting and wiring. Standard lights are suitable for 120 to 240 VAC. For pilot lights on higher voltages, check factory.

Stuffing Box Type CA (Figure 2) Type CA1001 is used to make a leak-proof joint where the capillary tubing goes through the wall of the tank or to secure the sensing bulb in a thermostat well.



Figure 1 - TCR-PL

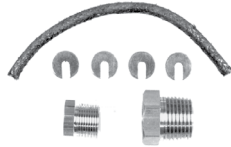
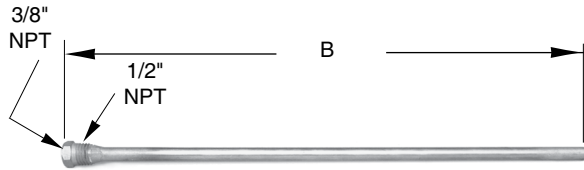


Figure 2 - CA1001

## Protective Wells

Protective wells are available as standard as a welded incoloy® tube style with stainless bushing. These wells are suitable for normal processes. For corrosive applications, special bar stock wells may be required. Check factory.



### Protective Wells

Length 'B' Dim	Inside Thread	Mounting Thread	Catalog Number
12"			CWI12
24"	3/8" NPT	1/2" NPT	CWI24
36"			CWI36

## Sleeving

Sleeving can be supplied to cover the bulb and capillary of an AR thermostat as protection against corrosion. All sleeveings shown below are 84 inches long.

### Sleeving

Bulb Style	Supplied	Mat'l	Max. Temp.	Catalog No.
4 (3/8" Dia.)	Loose	PVC	95°C (203°F)	15902 001
4 (3/8" Dia.)	Installed	PVC	95°C (203°F)	15902 002
9 (3/16" Dia.)	Loose	PVC	95°C (203°F)	15902 003
9 (3/16" Dia.)	Installed	PVC	95°C (203°F)	15902 004
4 (3/8" Dia.)	Loose	Teflon®	200°C (392°F)	15902 005
4 (3/8" Dia.)	Loose	Teflon®	200°C (392°F)	15902 006

## Series 30000 Surface Mounting Thermoswitch® Temperature Controllers

Fenwal Series 30000 Surface Mounting Thermoswitch® Controllers operate on the principle of the differential expansion of metals. Because the case is one of the expanding metals and it is in direct contact with the heated surface, a temperature change is sensed almost instantaneously. Contacts open on temperature rise.

### Series 30000

Approx. Temp. Range and Factory Setting Tolerance	Current Rating*	Catalog Number
500 to 300°F ± 5°F 3% of setting value	10 Amps 120VAC	11 030000 000
85 to 250°F ± 5°F 3% of setting value	5 Amps 240VAC	11 030000 048
50 to 600°F ± 10°F or 3% of setting value	Resistive	11 030002 000

#### Note:

\* Normally closed contact opens on temperature rise

## Modifications

### MOD 51 - Adjusting screw lengths

- Available - 1 3/64" (27 mm), 1 1/4" (32 mm), 1 3/4" (44 mm), 1 7/8" (48 mm), 2 3/8" (60 mm), 2 11/16" (68 mm).

### MOD 52 - Temperature setting

- Factory setting of temperature. Locking screw included.

### MOD 55A - Locking screw and torque spring

- For field calibration.

## To Order Specify

Quantity, catalog number and any optional features.