

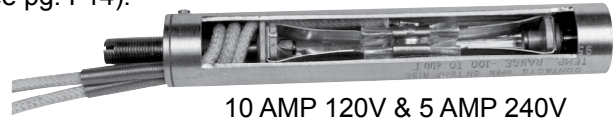
# Controls & Accessories - Fenwal

## Fenwal Thermoswitch® Temperature Controls


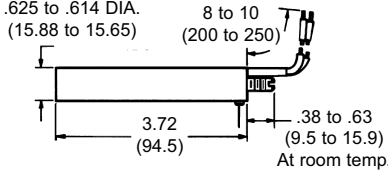

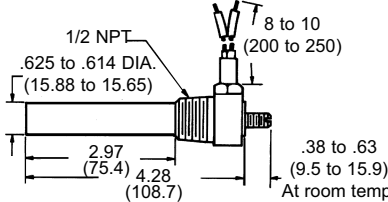

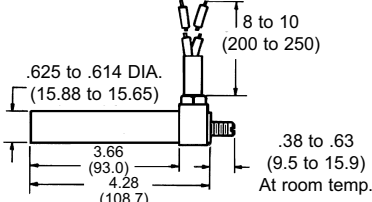

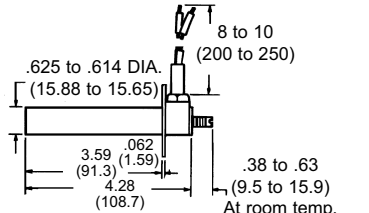
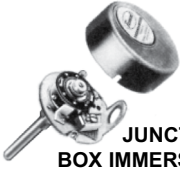
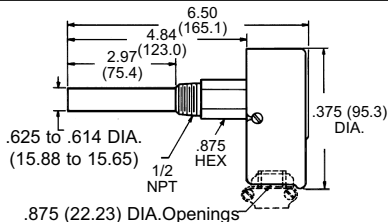

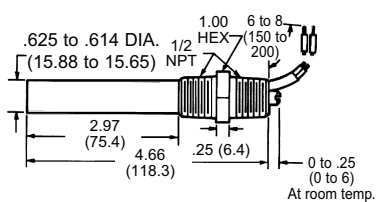
The outer shell is an active sensing member, not merely a housing, resulting in a very fast response time. The shell and strut arrangement has anticipation characteristics substantially reducing overshoot. It is a slow make and break device with a resolution sensitivity of 0.05°C (32°F).

## To Order Specify

Quantity, catalog number, and any special features (see pg. F14).



10 AMP 120V & 5 AMP 240V

THERMOSWITCH TYPE	DIMENSIONS IN INCHES (MILLIMETRES)	TEMP. RANGE	CONTACT ACTION ON TEMP. RISE	SHELL AND HEAD MAT'L	CATALOG NUMBER
 <b>CARTRIDGE</b> (Series 17000)		-73 to 204°C	OPENS	Brass	01 017000 000
		-100 to 400°F /	CLOSES		01 017021 000
		-73 to 316°C	OPENS	Type 300 Series	01 017002 000
		-100 to 600°F /	CLOSES	S.S. Shell	01 017023 000
 <b>HEX HEAD</b> (Series 17100)		-73 to 204°C	OPENS	Brass	01 017100 000
		-100 to 400°F /	CLOSES		01 017121 000
		-73 to 316°C	OPENS	Type 300 Series	01 017102 000
		-100 to 600°F /	CLOSES	S.S. Shell Brass Head	01 017123 000
 <b>BLOCK HEAD</b> (Series 17200)		-73 to 204°C	OPENS	Brass	01 017200 000
		-100 to 400°F /	CLOSES		01 017221 000
		-73 to 316°C	OPENS	Type 300 Series	01 017202 000
		-100 to 600°F /	CLOSES	S.S. Shell Brass Head	01 017223 000
 <b>FLANGE HEAD</b> (Series 17300)		-73 to 204°C	OPENS	Brass	01 017300 000
		-100 to 400°F /	CLOSES		01 017321 000
		-73 to 316°C	OPENS	Type 300 Series	01 017302 000
		-100 to 600°F /	CLOSES	S.S. Shell Brass Head	01 017323 000
 <b>JUNCTION BOX IMMERSION</b> (Series 17800)		-73 to 204°C	OPENS	Brass	01 017800 000
		-100 to 400°F /	CLOSES		01 017821 000
		-73 to 316°C	OPENS	Type 300 Series	01 017802 000
		-100 to 600°F /	CLOSES	S.S. Shell Brass Head	01 017823 000
 <b>COUPLING HEAD</b> (Series 18000)		-73 to 204°C	OPENS	Brass	01 018000 000
		-100 to 400°F /	CLOSES		01 018021 000
		-73 to 316°C	OPENS	Type 300 Series	01 018002 000
		-100 to 600°F /	CLOSES	S.S. Shell Brass Head	01 018023 000

## Temperature Controls

## Thermoswitch® Modifications

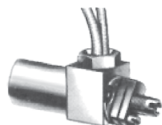
Most modifications can be made to stock units on a short delivery basis. Modifications may be required to match replacement OEM equipment or to provide extra functionality for a new application. For complete information, check factory or request Fenwal brochure 1.10.

**MOD 1**  
Special Marking

**MOD 3**  
Factory Temperature Setting

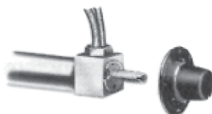


**MOD 4**  
Temperature Locking Device

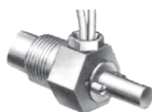


**MOD 6A**  
Large Dial & Knob (Specify Mid-Point Temperature)

**MOD 6B**  
Small Dial & Knob (Specify Mid-Point Temperature)



**MOD 10**  
Moisture Resistant Tamper-Proof Cap



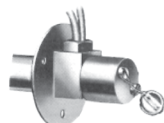
**MOD 13**  
Packing Gland On Lead Wires



**MOD 2**  
Extended Lead Wires



**MOD 5**  
Tamper-Proof Cap Over Adjusting Sleeve



**MOD 8A**  
Moisture Resistant Seal On Adjusting Sleeve

**MOD 8B**  
4 Hole Moisture Resistant Seal On Adjusting Sleeve used with Mod 6



**MOD 11**  
Armoured Cable Over Lead Wires



**MOD 14**  
Extended Adjusting Sleeve



### Note:

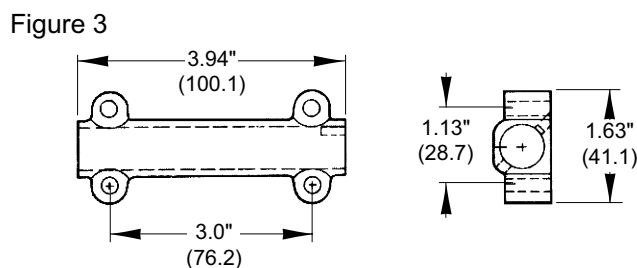
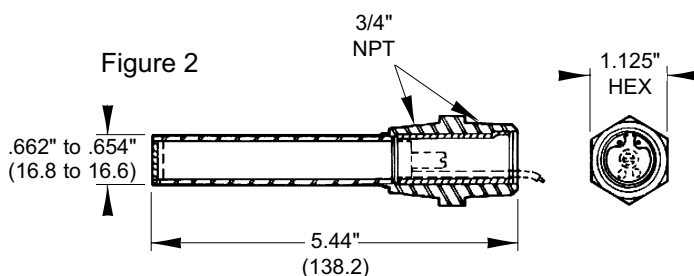
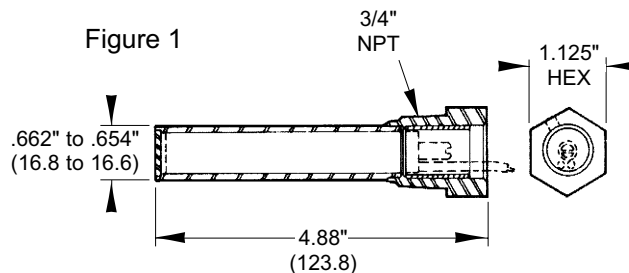
For volume OEM applications, special features including longer length shells and plating of brass parts are available. Check factory.

## Thermostat Wells

In certain applications, draining the system to replace a thermostat is impractical. A permanently mounted well overcomes this obstacle. Wells may also be required in high pressure or corrosive applications. Although the Fenwal wells are accurately machined to reduce thermal lag, best control is still achieved by direct insertion.

### To Order Specify

Quantity, catalog number, and any special features.



### Thermostat Wells

Description	Material	Catalog No.
Figure 1 Hex Head Well	321 S.S. Well & Head 100 PSI @ 121°C (250°F) 60 PSI @ 316°C (600°F)	34 011201 000
Figure 2 Coupling Head Well	321 S.S. Well & Head 100 PSI @ 121°C (250°F) 60 PSI @ 316°C (600°F)	34 011204 000
Figure 3 Surface Mounting Well	Aluminum	34 011100 002

## Modifications & Thermostat Wells



Fenwal Thermoswitch®