## **Remote Mount Temperature Switches**

# Series MT1H, T2H

#### Features

- Reliable & accurate
- Ambient compensated ►
- NEMA 4, 13 and IP 65
- UL, CSA & CE approved
- Single or dual switching ►

### **Applications**

- Marine & shipbuilding
- ► Railroad
- Oil & gas ►
- Medical
- Compressors ►
- Water equipment
- Process equipment
- Machine tools and industrial equipment



### **General Specifications\***

Accuracy: (Repeatability)	$\pm 1\%$ of mid-60% of full range. At constant ambient $\pm 0.5\%$ of full scale. (Knob indication is reference only)	
Switch:	One (1) SPDT or two (2) independent SPDT circuits	
Electrical Characteristics:	All models incorporate Underwriters' Laboratories, Inc. and CSA listed single pole double throw snap-action switching elements. Switches may be wired normally open or normally closed.	
Wetted Parts:	Copper or 304 stainless steel	
Electrical Connection:	Single: 3-Pin terminal strip Dual: 6-Pin terminal strip	
Electrical Ratings:	AC value at 75% power factor —10 amps @ 125, 250 volts AC, 3 amps @ 480 volts AC. Automatically reset by snap-action of switch.	
Enclosure/Housing:	Watertight and dust-tight indoor and outdoor (NEMA 4)/oil-tight and dust-tight indoor (NEMA 13).	

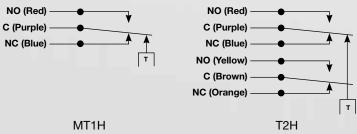
Bulb & Capillary:	6 and 12 foot length standard. See operating characteristics and product con-figurator.
Approvals:	Underwriters' Laboratories, Inc. and Canadian Standard Assoc. are listed under temperature indicating and regulating equipment.
UL:	File No. E56247, Guide No. XAPX
CSA:	File No. LR34555, Guide 400-E-O Class 4813
Temperature Range:	See product configurator
Adjustment:	Tamper resistant external adjustment. Turn knob clockwise to increase setpoint. (Knob indication is reference only)
Weight:	Single: approximate 1.5 lbs. Dual: approximate 3.0 lbs.

\* See Product Configurator for additional options.

## **Wiring Code**

Lead	Circuit #1	Circuit #2
Normally Closed	Blue	Orange
Common	Purple	Brown
Normally Open	Red	Yellow

### Wiring Diagram

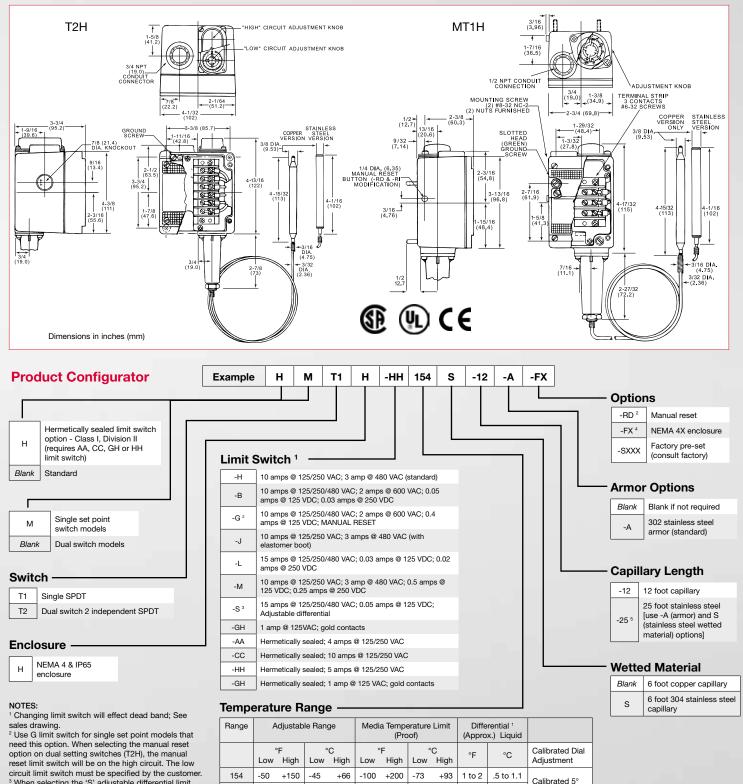




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### **Technical Drawing**



<sup>3</sup> When selecting the 'S' adjustable differential limit switch option on a dual setting switch (T2H), a standard 'H' switch will be paired with an 'S' switch. Dual 'S' pricing will apply.

<sup>4</sup> Add 'S' wetted material. FX models require stainless steel capillaries.

<sup>5</sup> Add 'S' wetted material adder to this. No additional adder from armor options table.

# Barksdale

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0 +650

-18 +343

1 to 2

1 to 2

2 to 4

2 to 4

.5 to 1.1

.5 to 1.1

1 1 to

2.2

1.1 to

2.2

Subdivision

5° Subdivision

10° Subdivision

200° Span

140° Span