

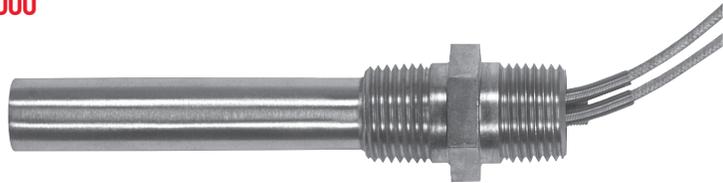
## 17000 & 18000 Cartridge and Immersion Temperature Controllers

- Cartridge Immersion (17000 Series)
- Coupling Head Immersion (18000 Series)
- Non-Indicating
- -100 to +600°F Operating Temperature Range (3rd Party Certification Limited to -100°F to +400°F)
- Slow Make & Break SPST
- 0.1°F Accuracy
- Not Recommended for Pilot Duty Switching of Mechanical Contactor

**Cartridge Type  
Model 17000**



**Coupling Head  
Model 18000**



### Application

Cartridge type is designed for drilled hole cartridge heating installations in molding presses, platens, rubber vulcanizers, hot plates, etc.

### Features

- Adjustable range from -100 to +600°F offers wide field of application.
- Resolution sensitivity of 0.1°F offers close control of process.
- Compact size. Lengths under 5" and diameters less than 13/16" fit almost any application.
- Fast response as external metal shell expands or contracts with each temperature change.
- Sheathing is brass for low range units; stainless steel for higher temperature use.

- Couplings for hex head and coupling head types are brass with standard pipe threads for mounting. Hex head and coupling head immersion types are screwed directly through the threaded opening in tank or duct or directly into a pipeline containing gas or liquid. The coupling head unit may be directly attached to electrical conduit by means of standard male pipe threads.

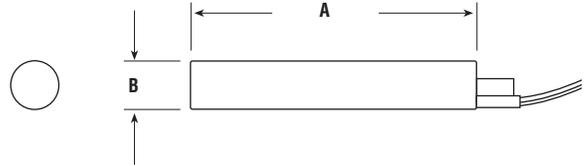
**WARNING: Hazard of Fire.** These controls function as temperature controls only. Because they do not fail-safe, an approved temperature and/or pressure safety control must be used for safe operation.

## 17000 & 18000

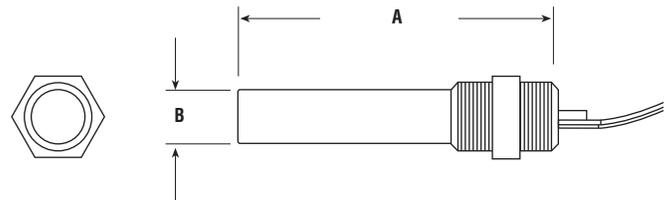
### Cartridge and Immersion Temperature Controllers (*cont'd.*)

#### Dimensions

Cartridge (Model 17000)



Coupling Head (Model 18000)



All Dimensions in Inches (mm)

#### Ordering Information

Operating Temperature Range (°F)	Contact Oper./Temp. Rise	Max. Amps AC		Dimensions (In.)		Material	Model	Stock	PCN	Wt. (Lbs.)
		120V	240V	A	B					
<b>Cartridge Type</b>										
-100 to +600	Opens	10	5	3-23/32	5/8	SST Shell/Brass Head	17002-0	S	265498	2
-100 to +600	Closes	10	5	3-23/32	5/8	SST Shell/Brass Head	17023-0	NS	227900	2
-100 to +600	Opens	25	12.5	3-23/32	13/16	SST Shell/Brass Head	17052-0	NS	265519	3
<b>Coupling Head Immersion Type</b>										
-100 to +600	Opens	10	5	4-21/32	5/8	SST Shell/Brass Head	18002-0	NS	227854	5
-100 to +600	Closes	10	5	4-21/32	5/8	SST Shell/Brass Head	18023-0	NS	227846	5
<b>Stock Status:</b> S = stock NS = non-stock <b>Notes —</b> 1. 3rd Party Certifications cover temperature range of -100°F to +400°F <b>Important:</b> 240V operation requires use of a capacitor. Consult installation, operation and maintenance manual for proper sizing.										