

# Varidepth T/C, Spring Style

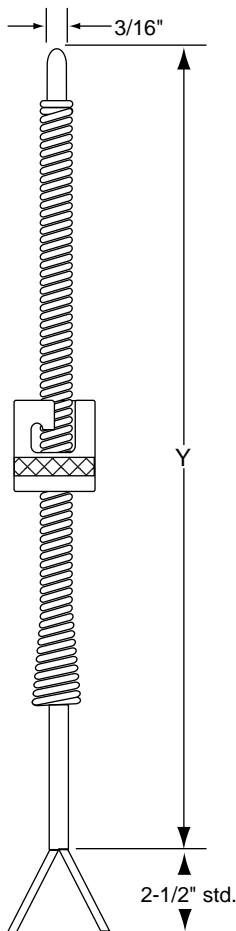
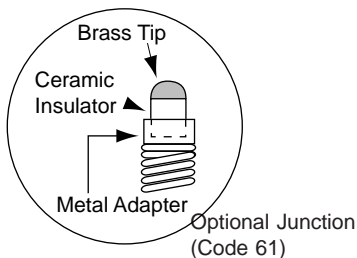
## Varidepth® Adjustable Depth Immersion Thermocouple Spring Style

### Introduction

The Varidepth thermocouple adjusts to many depths eliminating the need to stock a variety of fixed immersion length sensors. The locking cap rotates on the flexible spring achieving locking force that keeps the probe tip tight against the bottom of the adapter well. Varidepth thermocouples are available in Types J, K, T and E. Grounded Type K thermocouples have a welded tip; grounded Types J, T and E thermocouples have silver soldered tipped probes for faster response.

### Features

- Locking Cap Adjusts Easily to Any Position On Flexible Spring
- Compressed Tube Holds Rigid Probe Firmly Against Well Bottom
- Thermocouple at Tip of Probe for Maximum Heat Transfer
- Maximum 750°F Over Probe



**Model No. P**    -    **00** -    -   **00**

Field No.    1   2   3   4   5   6   7   8   9   10 11 12   13   14 15

**Schedule: S2**

#### Field 1. BASE MODEL

P - Plastics industry ..... \$8.50

#### Fields 2, 3. THERMOCOUPLE TYPE

Fiberglass insulation unless otherwise stated.

☞ Determine length by completing Fields 10, 11, 12

Type	Description	18 to 36"	Each Add'l 6"
11 - J	20 gauge, strand, stainless steel overbraid		
07 - J	20 gauge, stainless steel overbraid		
13 - J	24 gauge, solid, stainless steel overbraid		
15 - J	24 gauge, strand, stainless steel overbraid		
08 - K	20 gauge, stainless steel overbraid		
24 - K	24 gauge, solid, stainless steel overbraid		

Several other wire codes are available. See Table 1 on page 2-10 for a complete listing. Compatibility of wire and junction styles is listed in Table 2 on page 2-11.

#### Field 4. NUMBER OF ELEMENTS

Complete Fields 5, 6; then check compatibility Table 2 on page 2-11.

- 1 - Single element
- 4 - Dual element. Return to Fields 2, 3, double that price

#### Fields 5, 6. JUNCTION STYLE

- 31 - Closed end, grounded
- 34 - Closed end, ungrounded
- 61 - Brass tip, grounded

# Varidepth T/C, Spring Style


## Ordering Information (continued)

### Field 7. COLD END TERMINATION

- |     | <u>Single<br/>Element</u> | <u>Dual<br/>Element</u> |
|-----|---------------------------|-------------------------|
| 0 - |                           |                         |
| 1 - |                           |                         |
| 2 - |                           |                         |
| 3 - |                           |                         |
| 4 - |                           |                         |
| 7 - |                           |                         |
| C - |                           |                         |
| D - |                           |                         |
- 2-1/2" split leads, ends stripped
  - 2-1/2" split leads, spade lugs
  - 2-1/2" split leads, spade lugs, 1/2" NPS box connector with lock nut
  - Solid pin quick disconnect plug(s)
  - Solid pin quick disconnect plug(s) with mating jack(s)
  - Quick disconnect jack(s)
  - Hollow pin quick disconnect plug(s), Type J only
  - Hollow pin quick disconnect plug(s) with mating jack(s), Type J only

### Fields 8, 9. RESERVED

### Fields 10, 11, 12. FLEXIBLE LENGTH (DIMENSION "Y")

 Complete these Fields to determine length for Fields 2, 3  
 YYY - Enter "Y" length in whole inches; minimum 018"

### Field 13. SPRING AND LOCKCAP

- A - 6" spring, standard lockcap
- B - 12" spring, standard lockcap
- C - 6" spring, 12 mm lockcap
- D - 12" spring, 12 mm lockcap
- E - 6" spring, 15 mm lockcap
- F - 12" spring, 15 mm lockcap

### Fields 14, 15. RESERVED

### ***EZ Price***

The most often ordered assemblies are:

- |  |                  |                     |
|--|------------------|---------------------|
|  | <u>18 to 36"</u> | <u>Ea. Add'l 6"</u> |
| P111-31000-YYY-A-00 with stripped leads        |                  |                     |
| P111-31100-YYY-A-00 with spade lugs            |                  |                     |
| P111-31300-YYY-A-00 with quick disconnect plug |                  |                     |