

# Non-Immersion Nozzle T/C

## Non-Immersion Nozzle Thermocouple

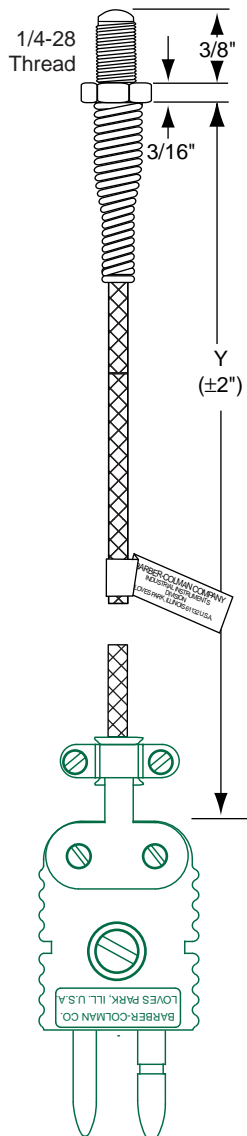
### Introduction

The non-immersion nozzle melt single element thermocouple is available with 1/4-28 thread, stainless steel, rotatable fitting. The probe is 1/8", closed end grounded. The leads are available with stainless steel overbraided sheath. The thermocouple measures the temperature in a threaded shallow drilled hole.

### Ordering Information

**Model No. P**   **1 - 2 1**  **0 0 -**    **- 8 - 0 0**  
 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

#### Fields 2, 3. THERMOCOUPLE TYPE

☞ Determine length by completing Fields 10, 11, 12.

Type	Description	18 to 36"	Each Add'l 6"
02 - J	24 gauge, solid		
13 - J	24 gauge, solid, stainless steel overbraided		
15 - J	24 gauge, strand, stainless steel overbraided		
26 - J	24 gauge, strand		

#### Fields 4, 5, 6. RESERVED

#### Field 7. COLD END TERMINATION

- 0 - 2-1/2" split leads, ends stripped
- 1 - 2-1/2" split leads, spade lugs
- 2 - 2-1/2" split leads, spade lugs, 1/2" NPS box connector with lock nut
- 3 - Solid pin quick disconnect plug(s)
- 4 - Solid pin quick disconnect plug(s) with mating jack(s)
- 7 - Quick disconnect jack(s)
- C - Hollow pin quick disconnect plug(s), Type J only
- D - Hollow pin quick disconnect plug(s) with 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 actual "Y" length in whole inches; minimum 018"

#### Field 13, 14, 15. RESERVED

# Non-Immersion Nozzle RTD

## Non-Immersion Nozzle RTD

### Introduction

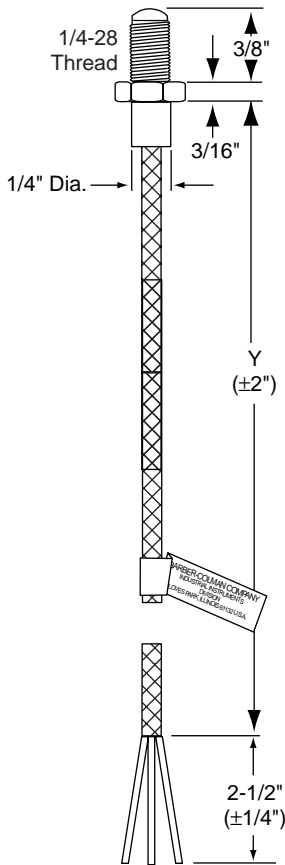
Single Platinum 100 ohms, RTD element.

The tolerances shown below apply to all three lead probes, and two lead probes whose total length does not exceed 48". Tolerances for two lead probes longer than 48" are increased .03 ohm for each 12" over 48" length:

Temperature range: -148° to 932°F (-100 to 500°C), reduced to 350°F (176°C) for plug connector.

Insulation resistance: 100 megohms minimum at 100 Vdc. Leads to case.

### Ordering Information



**Model No. P**   **1** - **00**   **00** -    **- 5 - 00**

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

Schedule: S2

#### Fields 1, 2. BASE MODEL

- P5 - 0.00391 Ω/Ω/°C Nozzle Resistance Temperature Detector
- P7 - 0.00385 Ω/Ω/°C Nozzle Resistance Temperature Detector

#### Field 3. ELEMENT

☞ Determine length by completing Fields 10, 11, 12

	Accuracy (at 300°F)	Temp Rating	Wires	Up to 36"	Ea. Add'l 6"
2 -	0.10%	932°F	3		
5 -	0.25%	932°F	2		

#### Fields 4, 5, 6. RESERVED

#### Fields 7 COLD END TERMINATION

- 0 - 2-1/2" split leads, ends stripped
- 1 - 2-1/2" split leads, spade lugs
- 2 - 2-1/2" split leads, spade lugs, 1/2" NPS box connector with lock nut
- 3 - Solid pin quick disconnect plug
- 4 - Solid pin quick disconnect plug with mating jack

#### Fields 8, 9. RESERVED

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

☞ Complete these Fields to determine length for Field 3

YYY - Actual length in whole inches

#### Fields 13, 14, 15. RESERVED