

Melt Bolt T/C, Fixed

Melt Bolt Thermocouple Fixed Depth Immersion

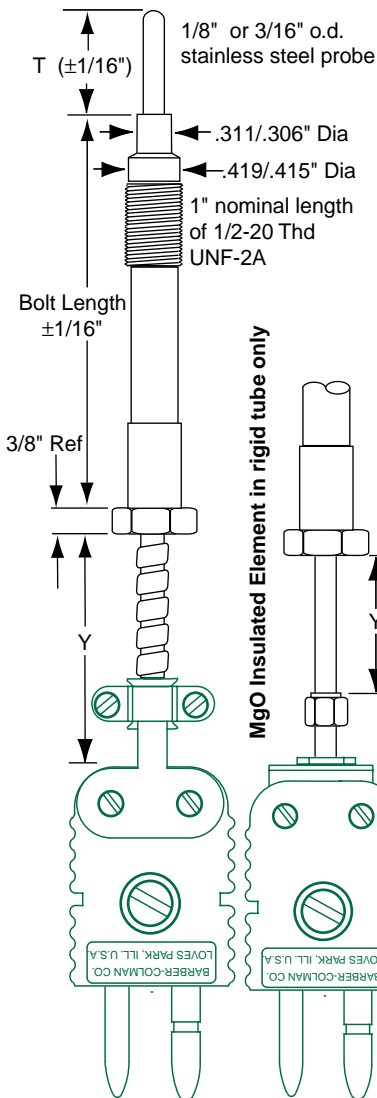
Introduction

Melt bolt thermocouples are used on extruders and injection molding machines. The immersed tip provides direct melt temperature measurement. Two styles are available:

- MgO insulated wire in a full length, rigid stainless steel probe
- Fiberglass insulated wire in a rigid stainless steel probe with a flexible, armor clad protection tube

Standard bolt lengths are 3", 4" and 6". Other lengths are available. Typically, 2" of protection tube ("Y" dimension) beyond the bolt head is satisfactory.

Ordering Information



Model No. P - - - 1 -

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, 4, 5, 6. THERMOCOUPLE TYPE, NUMBER OF ELEMENTS, AND JUNCTION STYLE, PROBE O.D., LEAD PROTECTION

☞ Determine length (Y + L) by completing Fields 10, 11, 12, and Field 7.

Type	Gauge	Wire	o.d.	End	Up to 2"	Ea Add'l 6"
Fiberglass Insulation with Flexible Tube, Single Element						
011-51	J	20	solid	3/16"	closed, grounded	
021-41	J	24	solid	1/8"	closed, grounded	
021-51	J	24	solid	3/16"	closed, grounded	
Fiberglass Insulation with Flexible Tube, Dual Element						
024-51	J	24		3/16"	closed, grounded	

2" Ea Add'l 6"

MgO Insulation, Single Element

161-41	J	1/8" o.d.	closed, grounded
161-42	J	1/8" o.d.	closed, ungrounded
161-43	J	1/8" o.d.	open, ungrounded
161-51	J	3/16" o.d.	closed, grounded
161-52	J	3/16" o.d.	closed, ungrounded
161-53	J	3/16" o.d.	open, ungrounded

MgO Insulation, Dual Element

164-41	J	1/8" o.d.	closed, grounded
164-42	J	1/8" o.d.	common, clsd., ungrnd
164-44	J	1/8" o.d.	common, exposed
164-45	J	1/8" o.d.	isolated, exposed
164-51	J	3/16" o.d.	closed, grounded
164-52	J	3/16" o.d.	common, clsd., ungrnd
164-54	J	3/16" o.d.	common, exposed
164-55	J	3/16" o.d.	isolated, exposed

