

Melt Bolt RTD, Fixed

Melt Bolt RTD Fixed Depth Immersion

Introduction

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. Pressure capacity: 10,000 PSI on sensing element.

Ordering Information

Model No. P - 3 - - 1 -
 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 Melt Bolt Resistance Temperature Detector
 P7 - 0.00385 Ω/Ω/°C Melt Bolt Resistance Temperature Detector

Fields 3, 4. ELEMENT

☞ Determine length by completing Fields 10, 11, 12

	Accuracy	Temp Rating	Wires	Elements	Up to 2"	Ea. Add'l 6"
21 -	0.10%	932°F	3	Single		
31 -	0.25%	932°F	3	Single		
51 -	0.25%	932°F	2	Single		
54 -	0.25%	932°F	2	Dual		

Fields 5, 6. PROTECTION

42 - 1/8" diameter, closed end (Not available with Fields 3, 4, code 54)
 52 - 3/16" diameter closed end

Fields 7 RESERVED

Fields 8, 9. BOLT LENGTH

03 - 3"
 04 - 4"
 06 - 6"
 99 - None of the above. Specify on order

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

☞ Complete these Fields to determine length for Fields 3, 4
 YYY - Actual length in whole inches

Field 13. RESERVED

Fields 14, 15. PROBE LENGTH (DIMENSION "T")

Note: 1/2" maximum for 1/8" o.d. probe; 5/8" maximum for 3/16" o.d. dual probe
 00 - Flush (3/16" o.d. only)
 05 - 1/2"
 07 - 3/4"
 09 - 1"
 99 - None of the above. Specify on order. If longer than 1"

