Fixed RTD, Bayonet

Fixed Depth Immersion RTD with Bayonet Lock

Introduction

Bayonet resistance temperature detectors have a compressible spring and locking cap for quick insertion and detachment. They are available with no protection tube (insulation only), armor clad flexible tube, or stainless steel overbraid. All are light weight for easy connection to an instrument or a distant junction box.

Ordering Information

Armor Clad Flexible Tube

Sensitivity

Length



1-5/8"

Z ±1/8"

L 6" std. (±1/4")

Fields 1, 2. BASE MODEL

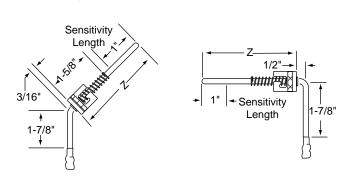
P5 - 0.00391 $\Omega/\Omega/^{\circ}$ C Resistance Temperature Detector P7 - 0.00385 $\Omega/\Omega/^{\circ}$ C Resistance Temperature Detector P8 - 0.00385 $\Omega/\Omega/^{\circ}$ C RTD and Type J Thermocouple

Field 3. ELEMENT

	Accuracy (at 300°F)	Temp Rating	Wires
1 -	0.25%	500°F	3
2 -	0.10%	932°F	3
3 -	0.25%	932°F	3
4 -	0.10%	500°F	2
5 -	0.25%	932°F	2
6 -	0.10%	500°F	3

Field 4. NUMBER OF ELEMENTS; CONFIGURATION

- 1 Single element, straight
- 2 Single element, 90°
- 3 Single element, 45°
- 4 Dual element, straight
- 5 Dual element, 90°
- 6 Dual element, 45°



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Ordering Information (continued)

Fields 5, 6. PROTECTION

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

Model P5 or Model P7

Up to 36" Ea. Add'l 6"

- 31 No lead, or lead with stainless steel overbraid
- 33 Leadwire with flexible armor Single element

 Dual element

Model P8

- 31 No lead, or lead with stainless steel overbraid
- 33 Leadwire with flexible armor Single element

 Dual element

Fields 7 COLD END TERMINATION

Single Dual Element Element

- 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

Extended Lead (DIMENSION "L")

- F 12", split ends stripped
- G 24", split ends stripped
- H 48", split ends stripped
- J 96", split ends stripped
- K 144", split ends stripped

For other lengths, consult factory

Fields 8, 9. RESERVED

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

Complete these Fields to determine length for Fields 5, 6

YYY - Actual length in whole inches (minimum 018")

Field 13. RESERVED

Fields 14, 15. LOCK DEPTH (DIMENSION "Z")*

06 4"	38 5-5/8"	12 7"
29 4-1/8"	39 5-3/4"	47 7-1/8"
30 4-1/4"	40 5-7/8"	48 7-1/4"
31 4-3/8"	10 6"	49 7-3/8"
07 4-1/2"	41 6-1/8"	13 7-1/2"
32 4-5/8"	42 6-1/4"	
33 4-3/4"	43 6-3/8"	
34 4-7/8"	11 6-1/2"	
08 5"	44 6-5/8"	
35 5-1/8"	45 6-3/4"	
36 5-1/4"	46 6-7/8"	
37 5-3/8"		
09 5-1/2"		
	29 4-1/8" 30 4-1/4" 31 4-3/8" 07 4-1/2" 32 4-5/8" 33 4-3/4" 34 4-7/8" 08 5" 35 5-1/8" 36 5-1/4" 37 5-3/8"	29

^{99 -} Not listed; specify on order

^{*}Total assembly length over 4 feet introduces an offset in sensed temperature of approximately 1-1/4°F per 10 feet over 4 feet.