

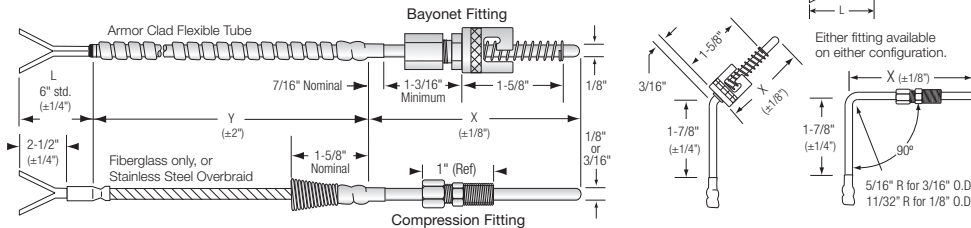
Adjustable T/C | Bayonet or Compression

Adjustable Depth Immersion Thermocouple with Bayonet Lock or Compression Attachment

A compression fitting, or a compression mounted bayonet spring assembly allows user to determine final immersion depth. Minimum recommended bayonet spring compression is 1/4". The bayonet spring assembly is available only with 1/8" o.d. probe; compression fitting is available with either 1/8" o.d. or 3/16" o.d. probe.

Features

- Thermocouple at Tip of Probe for Maximum Heat Transfer
- Maximum 900°F Over Probe and Tube



Bayonet Adapters for use with Thermocouple Bayonet Caps

Model Number	Length	Thread
A-2709-1	13/16"	1/8 NPT
A-3076-1	15/16"	3/8-24
A-4017	1	1/8 NPT
A-3077-1	1-1/2"	1/8 NPT
A-3179	1-1/2"	3/8-24
A-3092-1	2"	1/8 NPT

See Wire & Accessories section for more custom sizes.

Code	Field 1: Type	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Code	Fields 14,15: Reserved
P	Plastics Industry Thermocouples															0	0	00	Reserved

Field 2, 3: Thermocouple Type				Wire Type Code				Field 4: Number of Elements Compatibility based on Fields 5, 6.												
Ga.	Limits	Const.	Insulation	J	K	E	T	S = S, D = D, S/D = Single and Dual, S/D(#) = Dual for Wire Code in parenthesis												
18	Standard	Stranded	Fiberglass	09				S	S	S	S									
20	Standard	Solid	Fiberglass	01	05	17	06	S/D	S/D	S/D	S/D	S	S							
			Fiberglass w/SS	07	08			S	S		S	S								
		Stranded	Fiberglass w/SS	11				S	S		S									
			Fiberglass	12	20			S	S	S	S									
	Special	Solid	Teflon (400° F)	25				S	S	S/D	S/D	S/D	S/D	S/D	S/D	S/D	S/D	S/D	S/D	
24	Standard	Solid	Fiberglass	02	19	18	14	S	S	S/D	S/D	S/D	S/D	S/D	S/D	S/D	S/D	S/D	S/D	
			Fiberglass w/SS	13	24			S	S	S/D	S/D	S/D	S/D	S/D	S/D	S/D	S/D	S/D(24)	S/D	
		Stranded	Fiberglass w/SS	15				S	S	S/D	S/D	S/D	S/D	S/D	S	S/D				
			Fiberglass	26				S	S	S/D	S/D	S/D	S/D	S/D	S/D	S/D				
	Special	Solid	Fiberglass	61	63			S	S	S/D	S/D	S/D	S/D	D	D					
w/SS = With Stainless Steel Overbraid				Flex Tube				No	Yes	No	No	Yes	Yes	No	Yes					
				Tip				(G) Grounded	G	G	G	G	G	G	U	U				
								(U) Ungrounded												
								(O) Open (C) Closed	C	C	O	C	O	C	C	C				
				Probe O.D.				.125"	.125"	.188"	.188"	.188"	.188"	.188"	.188"	.188"				
				Field 5, 6 Code:				21	23	30	31	32	33	34	35					

Code	Field 13: Attaching Device
0	None
2	1/8" NPT compression fitting, nickel plated brass
3	1/8" NPT compression fitting, stainless steel
4	Adjustable bayonet, 1/8" tube only ("X" must be at least 3")

Code	Field 10, 11, 12: Flexible Length
YYY	Dimension "Y" (Specify YYY in whole inch increments, using three digits) NOTE: If over 998", specify 999 = "length" on order

Code	Field 8, 9: Rigid Length
XX	Dimension "X" (Specify XX in whole inch increments, using two digits) NOTE: If over 98", specify 99 = "length" on order

Code	Field 7: Cold End Termination
0	2-1/2 inch split leads, ends stripped
1	2-1/2 inch split leads, spade lugs
2	2-1/2 inch split leads, lugs and box connector
3	Solid pin quick disconnect plug
4	Solid pin quick disconnect plug and mating jack
7	Quick disconnect jack
C	Hollow pin quick disconnect plug
D	Hollow pin quick disconnect plug and mating jack
M	Miniature quick disconnect plug
N	Miniature quick disconnect and mating jack
Q	Miniature jack
9	Other - Consult Factory

Code	Extended Lead Dimension "L"
F	12" extended lead, stripped ends L=12"
G	24" extended lead, stripped ends L=24"
H	48" extended lead, stripped ends L=48"
J	96" extended lead, stripped ends L=96"
K	144" extended lead, stripped ends L=144"

Field 4	Code	Number of Elements, Probe Configuration
	1	Single element
	2	Single element, 90°
	3	Single element, 45°
	4	Dual element
	5	Dual Element, 90°
	6	Dual Element, 45°

(See Field 2 & 3 Chart for compatibility)

Fields 5,6	Code	Junction Style	Lead Protection	Probe O.D.
	21	Closed end, grounded	None	0.125"
	23	Closed end, grounded	Flexible armor	0.125"
	30	Open end grounded	None	0.188"
	31	Closed end grounded	None	0.188"
	32	Open end grounded	Flexible armor	0.188"
	33	Closed end, grounded	Flexible armor	0.188"
	34	Closed end, ungrounded	None	0.188"
	35	Closed end, ungrounded	Flexible armor	0.188"

(See Field 2 & 3 Chart for compatibility)

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Common Model Numbers

(The numbers below are just some of the more common numbers for this product. There are too many combinations to list them all.)

P011-31002-156-0-00	P011-33204-096-2-00	P012-33204-144-2-00	P022-23303-300-2-00	P121-33004-072-0-00
P011-31006-240-0-00	P011-33204-144-2-00	P012-33204-300-2-00	P022-23303-360-2-00	P121-33004-144-0-00
P011-31012-120-0-00	P011-33204-240-2-00	P012-33206-036-0-00	P022-23306-120-3-00	P121-33303-056-2-00
P011-31036-000-0-00	P011-33204-300-2-00	P012-33206-036-3-00	P022-23400-048-3-00	
P011-31303-036-2-00	P011-33206-072-2-00	P012-33206-048-2-00	P022-23403-048-3-00	P122-33003-012-0-00
P011-31304-000-0-00	P011-33206-144-2-00	P012-33212-144-2-00	P022-23499-036-3-00	
P011-31308-000-0-00	P011-33208-096-2-00		P022-35303-096-2-00	P123-23210-084-3-00
P011-31D06-000-0-00	P011-33209-096-2-00	P012-33304-072-2-00	P022-35307-120-3-00	
	P011-33210-036-2-00	P012-33306-144-2-00		
	P011-33300-050-0-00		P023-23003-048-0-00	P131-21006-144-4-00
P011-33000-054-4-00	P011-33300-056-0-00	P012-35008-120-3-00		P131-21105-078-4-00
P011-33003-006-0-00	P011-33303-240-2-00	P012-35106-096-0-00	P051-33012-072-2-00	P131-21303-048-0-00
P011-33003-018-0-00	P011-33304-060-2-00	P012-35305-055-2-00		P131-21303-096-0-00
P011-33003-036-0-00	P011-33304-060-3-00	P012-35307-040-2-00	P052-33013-120-2-00	P131-23104-072-2-00
P011-33006-120-3-00	P011-33304-072-2-00	P012-35405-036-3-00	P052-33199-008-2-00	P131-31010-096-0-00
P011-33012-036-0-00	P011-33306-144-2-00	P012-35408-096-3-00		P131-31305-030-0-00
P011-33102-060-0-00	P011-33308-060-2-00		P061-33106-072-2-00	P132-23203-250-3-00
P011-33104-096-2-00	P011-33308-072-2-00	P013-33102-192-3-00		P132-23210-048-3-00
P011-33104-144-0-00	P011-33308-096-2-00		P071-31003-144-3-00	P132-23210-084-3-00
P011-33106-060-0-00	P011-33330-120-3-00	P014-33112-052-2-00	P071-31006-180-2-00	
P011-33106-060-2-00		P014-33204-096-3-00	P071-31006-240-0-00	P151-23304-046-0-00
P011-33106-072-2-00	P011-34206-072-2-00			P151-34018-180-2-00
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P011-33110-036-0-00		P021-23106-024-3-00		
P011-33112-028-2-00	P011-35010-048-3-00	P021-23106-060-2-00	P081-21304-048-2-00	
P011-33112-040-2-00	P011-35010-072-3-00	P021-23106-072-4-00	P081-31106-024-0-00	P153-23005-240-4-00
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P011-33112-058-2-00		P021-23107-060-4-00	P081-31406-048-2-00	P191-21312-000-0-00
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P011-33112-096-2-00		P021-23305-048-4-00	P082-34003-084-0-00	
P011-33112-102-2-00	P012-33102-096-2-00	P021-23305-072-0-00	P082-34003-120-0-00	P193-23303-048-0-00
P011-33112-108-2-00	P012-33103-072-0-00	P021-23305-072-4-00		
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P011-33112-132-2-00	P012-33108-068-2-00	P021-23306-060-4-00	P111-31002-600-2-00	P201-33305-180-2-00
P011-33112-156-2-00	P012-33199-008-2-00	P021-23306-072-4-00	P111-31006-120-0-00	
P011-33112-168-2-00		P021-23306-096-4-00	P111-31300-120-0-00	P261-21012-072-0-00
P011-33112-192-2-00	P012-33200-120-4-00	P021-23307-072-4-00	P111-31303-144-2-00	
P011-33112-220-2-00	P012-33203-036-0-00	P021-23307-084-4-00	P111-31308-079-0-00	P602-35109-043-2-00
P011-33114-060-0-00	P012-33203-048-0-00	P021-23307-084-4-00		
P011-33122-078-2-00	P012-33203-048-3-00	P021-23307-084-4-00	P112-31002-600-2-00	
P011-33122-132-2-00	P012-33203-168-2-00	P021-23313-048-2-00	P112-31004-060-2-00	
P011-33122-168-2-00	P012-33204-048-2-00	P021-23400-048-3-00	P112-31108-120-2-00	
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		P022-23303-192-2-00		
		P022-23303-240-2-00		