

Varidepth® T/C with Armor



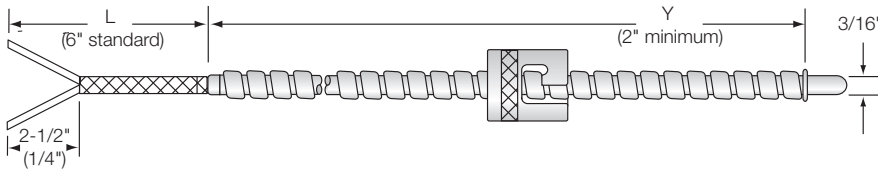
Adjustable Depth Immersion Thermocouple in Armor Clad Flexible Tube with Bayonet Lock Cap

The Varidepth thermocouple adjusts to many depths eliminating the need to stock a variety of fixed immersion sensors. Compression of the flexible tube provides locking force that keeps the probe tip tight against the well bottom.

Varidepth thermocouples are available in Types J, K, T and E. Grounded Type K thermocouples have a welded tips; Types J, T and E thermocouples have silver soldered tipped probes for faster response.

Features

- Locking Cap Adjusts Easily to Any Position On Flexible Tube
- Compressed Tube Holds Probe Tip Firmly Against Well Bottom
- Thermocouple at Tip of Probe for Maximum Heat Transfer
- Types J, K, E Withstand up to 750°F Over Probe and Tube
- Type T Withstands up to 500°F



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	Code	Fields 8,9: Reserved	Code	Field 13: Reserved	Code	Fields 14,15: Reserved
P	Plastics Industry Thermocouples	00	Reserved	6	Armor Style Varidepth	00	Reserved

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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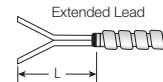
Field 2, 3: Thermocouple Type				Wire Type Code				Field 4: Compatibility based on Field 5 & 6	
Ga.	Limits	Const.	Insulation	J	K	E	T		
18	Standard	Stranded	Fiberglass	09				S	
20	Standard	Solid	Fiberglass	01	05	17	06	S/D	S
			Fiberglass w/SS	07	08			S	S
		Stranded	Fiberglass w/SS	11				S	
			Fiberglass	12	20			S	
		Solid	Teflon (400° F)	25				S/D	S/D
Special	Solid	Fiberglass	60	62		64	S/D	S	
24	Standard	Solid	Fiberglass	02	19	18	14	S/D	S/D
			Fiberglass w/SS	13	24			S/D	S/D(24)
		Stranded	Fiberglass w/SS	15				S/D	S/D
			Fiberglass	26				S/D	S/D
Special	Solid	Fiberglass	61	63			S/D	D	
w/SS = With Stainless Steel Overbraid				Flex Tube		Yes	Yes		
Type J - Rated at 900°F except Teflon insulated (code 25) rated at 400°F Type K & E - Rated at 900°F; Type T, 20 GA. Rated at 500°F; 24 GA. Rated at 400°F				Tip	(G) Grounded	G	U		
					(U) Ungrounded				
				(O) Open	C	C			
				Probe O.D.		.188"	.188"		
				Field 5, 6 Code:		33	35		

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

Field 7	Code	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	
4	Dual element (See Field 2 & 3 Chart above for compatibility)	

Fields 5,6	Code	Junction Style, Lead Protection, Probe O.D.
33	Closed end, grounded, flexible armor, 3/16" O.D.	
35	Closed end, ungrounded, flexible armor, 3/16" O.D. (See Field 2 & 3 Chart above for compatibility)	



Varidepth® T/C with Armor



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.)

P011-33000-024-6-00	P011-33300-048-6-00	P011-35100-060-6-00	P024-33000-148-6-00	P121-33100-042-6-00
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P011-33000-048-6-00	P011-33300-062-6-00	P011-35100-072-6-00	P024-33100-240-6-00	P121-33100-060-6-00
P011-33000-072-6-00	P011-33300-072-6-00	P011-35100-084-6-00	P024-33300-120-6-00	P121-33100-072-6-00
P011-33000-078-6-00	P011-33300-076-6-00	P011-35100-090-6-00	P024-33300-180-6-00	P121-33100-096-6-00
P011-33000-096-6-00	P011-33300-084-6-00	P011-35100-096-6-00	P024-33900-072-6-00	P121-33100-108-6-00
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