

Thermocouple Assemblies Megopak Type

Model Selection Guide

Instructions

- Select the Key Number desired. The arrow to the right marks the selections available.
- A dot denotes unrestricted availability. A letter denotes restricted availability. Restrictions follow Table VIII.
- A complete Model Number must have the designated number of digits in each table.

(Opt.)

Key Numbers	I	II	III	IV	V	VI	VII	VIII	IX
002K	2	M	14	A120	08	R	A120	1W2P6	T
Example									

KEY NUMBER		Selection	Availability				
Megopak		002	↓	↓	↓	↓	↓
Calibration Type	Pair of Wires						
J	1	J	•				
K	1	K		•			
T	1	T			•		
Duplex	JJ	JJ				•	
	KK	KK					•

TABLE I - SHEATH DIAMETER

Sheath Diameter		Approximate Wire Gage					
In.	mm						
0.062	1,6	28 to 30	1	•	•		
0.125	3,2	23 to 24	2	•	•	•	•
0.188	4,8	19 to 20	3	•	•	•	•
0.250	6,4	16 to 18	4	•	•	•	•
0.375	9,6	14	6	w	•		

TABLE II - INSULATION

Magnesium Oxide (MgO)	M	•	•	•	•	•
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TABLE III - SHEATH MATERIAL

304 Stainless Steel	Type 304	13	x			c	d
316 Stainless Steel	Type 316	15	a	a	c		b
Inconel		22	a	•			g

TABLE IV - HOT JUNCTION *

Remote (insulated)	R __	v	•	•	•	•
Integral (welded to sheath tip)	G __	v	•	•	•	•
* Exposed tip can be ordered on request						
Element or assembly length in inch increments. 4" (102 mm) min. to 48" (1219 mm) max. For 14 gage sheath diameter the max. length is 18"						

TABLE V - COLD END TERMINATION - PRICE TABLE RST

Type	Conduit Outlet Size	Selection	Availability				
			2J	2K	2T	2JJ	2KK
Element Only	2" (51 mm) Bared Wire Cold End	20	•	•	•	•	•
Screw Cover Head	1/2" (13 mm) Conduit	03	•	•	•	•	•
	3/4" (19 mm) Conduit	04	•	•	•	•	•
Aluminum Head	1/2" (13 mm) Conduit	17	•	•	•	•	•
Polypropylene Head	1/2" (13 mm) Conduit	18	•	•	•	•	•
Explosion Proof Head	3/4" (19 mm) Conduit	19	•	•	•	•	•
Quik-Konnect	Plug	05	g	g			
	Jack	06	g	g			
Insulated Wire Extension	Plain	08	•	•	•	•	•
	With Armored Tubing	09	•	•	•		
	With Armored Tubing and Junction Box Conductor	10	•	•	•		

TABLE VI - MOUNTING ATTACHMENT

Type	Material	Selection	2J	2K	2T	2JJ	2KK
No Selection		0	•	•	•	•	•
Compression Fitting	Brass	R	•	•	•	•	•
	316 Stainless Steel	S	•	•	•	•	•
Adjusting Compression Ftg.	304 Stainless Steel	T	•	•	•	•	•

TABLE VII - WIRE EXTENSION TERMINAL

No Selection	0 _ _ _	•	•	•	•	•
No End Terminals - wires bared 0.5 inches (13 mm)	A _ _ _	k	k	k	k	k
No Selection	_ 0 0 0	y	y	y	y	y
No End Terminals - wires bared 0.5 inches (13 mm)	Insulated wire extn length 12 inches	_ 0 12	z	z	z	z
	Insulated wire extn length 24 inches	_ 0 24	z	z	z	z
	Insulated wire extn length 36 inches	_ 0 36	z	z	z	z
	Insulated wire extn length 48 inches	_ 0 48	z	z	z	z
	Insulated wire extn length 60 inches	_ 0 60	z	z	z	z
	Insulated wire extn length 72 inches	_ 0 72	z	z	z	z
	Insulated wire extn length 84 inches	_ 0 84	z	z	z	z
	Insulated wire extn length 96 inches	_ 0 96	z	z	z	z
	Insulated wire extn length 108 inches	_ 1 08	z	z	z	z
	Insulated wire extn length 120 inches	_ 1 20	z	z	z	z

NOTE: Refer to TABLE VIII for Pricing

TABLE VIII - INSULATED EXTENSION WIRE - PRICE TABLE A1

No Selection	00000	h	h	h	h	h
PVC Insulated Wire	1W2P6			k		
	3W2P6	k				
Glass Insulated Wire	A0000	r	r	r	r	r
Glass with Metal Braid	J0000	r	r	r	r	r
Glass with Flexible Armor	R0000	s	s	s	s	s
Teflon Insulated Wire	C0000	r	r	r	r	r
Teflon with Metal Braid	L0000	r	r	r	r	r
Teflon with Flexible Armor	T0000	s	s	s	s	s

* Prices *2 for duplex T/C

TABLE IX - Sheath Coating

No Selection	0	•	•	•	•	•
Teflon Coated Sheath	T	•	•	•	•	•

RESTRICTIONS

Restriction Letter	Table	Available Only With	Table	Not Available With
		Selection		Selection
a	I	1, 2, 3, 4		
b	I	3, 4		
c	I	2, 3, 4		
d	I	4		
g			I	6
h			V	08, 09, 10
k	V	08, 09, 10	VII	0000
r	V	08, 09	VII	0000
s	V	09, 10	VII	0000
v			I	Lengths 19" to 48" are not available with 6
w	III	13		
x	I IV	6 R__ Maximum length is 18"		
y	VII	0__		
z	VII	A__		