

Thermocouple Assemblies Straight Type Single Ceramic Protecting Tube

Model Selection Guide

Instructions

- Select the Key Number desired. The arrow to the right marks the selections available.
- Make one selection each from Tables I, II and III using the column below the proper arrow. Select Table V Options if desired.
- A dot denotes unrestricted availability.
- A complete Model Number must have the designated number of digits in each table.

Key Numbers I II III IV V (Optional)
 [] - [] - [] - [] - [] - []
 003A15 - R48 - 1 - T1 - 0 - B6 Example

KEY NUMBER		Selector		Availability		
Protecting Tube Type	Calibration Type	Wire Size				
Full Length	J	8 gage	003A15	↓		
		14 gage	003B15		↓	
	K	8 gage	005A15			↓
		14 gage	005B15			↓

TABLE I - PROTECTING TUBE

Maximum Temperature		Tube Material	Tube Diameter		Maximum Length		R _ _			
°F	°C		In.	mm	In.	cm				
2700	1593	Sillramic	0.688	17,48	48	1,2	R _ _		•	•
2300	1093	Sillramic	0.94	23,9	48	1,2	R _ _	•		•

↑

Fill in blank with protecting tube length in six inch increments. Minimum 12 inches-maximum as specified.



TABLE II - HEAD

Head Type	Conduit Outlet Size - Inches				
Screw Cover	1/2 NPT	3	•	•	•
	3/4 NPT	4	•	•	•

TABLE III - MOUNTING

No Selection	00	•	•	•	•
Bushing 1 1/2" (38 mm) bushing welded 6" (152 mm) below head	K2	•	•	•	•
Bushing 1 1/2" (38 mm) bushing welded 7" (178 mm) below head	K5	•	•	•	•
Bushing 1 1/2" (38 mm) bushing welded 9" (229 mm) below head	K3	•	•	•	•
Bushing 1 1/2" (38 mm) bushing welded 12" (305 mm) below head	K4	•	•	•	•

TABLE IV

No Selection	0	•	•	•	•
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TABLE V - OPTIONS

Premium Grade Wire	B6	•	•	•	•
Vent Protective Tube	C1	•	•	•	•