

Thermocouple Assemblies Molten Aluminum Type

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 through IV using the column below the proper arrow.
- A dot denotes unrestricted availability. A letter denotes restricted availability.
- A complete Model Number must have the designated number of digits in each table.

Key Numbers	I	II	III	IV	V (Optional)	
003A71	A30	1	0	12	A1	Example

KEY NUMBER	Selection	Availability
Protecting Tube Type	Wire Size	Calibration Type
Straight	8 gage	J - 1600°F (871°C) maximum K - 2000°F (1093°C) maximum
Angled	8 gage	J - 1600°F (871°C) maximum K - 2000°F (1093°C) maximum

TABLE I - HOT LEG

Tube Material	Diameter		Length - Inches (mm)		A12		•	•	
	Outside		Inside						12 (305)
	In.	mm	In.	mm					
Silicon Carbide	1.75	44,5	1	25,4	24 (610)	A18	•	•	
					30 (762)	A24	•	•	
					36 (915)	A30	•	•	
						A36	•	•	

TABLE II - HEAD

Head Type	Conduit Outlet Size - Inches			
General Purpose	1/2 NPT (13 mm)	1	•	•
Screw Cover	1/2 NPT (13 mm)	3	•	•
	3/4 NPT (19 mm)	4	•	•

TABLE III

No Selection	0		•	•
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TABLE IV - COLD LEG

Material	Length					
	In.	mm				
1 Inch Standard Black Steel Pipe	12	305	12		•	•
	18	458	18		•	•
	24	610	24		•	•



TABLE V

Outlet Location	Selection			
Left	A1		•	•
Top	A2		•	•
Right	A3		•	•