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Product Data Sheet

591-Noble Metal, Open Terminal Head



High Temperature Noble Metal Thermocouple Assembly. Elements are provided to match the ITS 1990 curve. 24 ga. (0.020") wire is standard – other gauges are available. Insulators & Protection Tubes w- Cemented Hex Nipple and are made of Alumina, Mullite, Recrystallized Silicon Carbide & Silicon Carbide. Cast Iron or Aluminum Screw Cover heads are Standard. Porcelain Collar installed for Vertical Applications.

Specifications

NAME	DESCRIPTION
Model Number	591
Sensor Type	High Temperature Noble Metal Assembly
Tube Length	6" Increments - 6" to 96"
ANSI Calibration	R, S, B
Accuracy	Standard Limits of Error, Special Limits of Error (Reference Grade)
Insulator Material	Alumina (A) (Std), Mullite (M)
Optional Inner Tube	1/4" x 3/8" STD; (M) Mullite, (A) Alumina, (O) No Inner Tube
Primary Tube	7/16" x 11/16" STD; (M) Mullite, (A) Alumina
Secondary Tube	(M) Mullite, (A) Alumina (w-1" NPT Coupling), (O) for None
Number of Circuits	1,2
Head Material	Open Terminal, Aluminum, G7 Material

Accessories

Optional Split Brass Flange

Material=Brass, Optional

Documents

NAME

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Dimensional Drawing

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