

Thermocouples specs

How to find Thermocouple specs (from scratch)

When looking for a thermocouple, you need to verify some specs before you will know what kind they are looking for.

The below questions help to find what is required:

Head material: Cast aluminum, Cast Iron,

Dimensions: Shaft diameter, Length, threading Diameter

Probe Length:

Type: J,K,S or RTD (heat range)

Wires 1: Is there a head?

Wires 2: How many wires? How long? Grounded?

Probe Material: Stainless steel, Coper,?

Media: Oil, Water,?

****Probe Only****

Type: J,K,S or RTD (heat range)

Probe Length:

Probe Material: Stainless steel, Coper,?.

Wire coat Material: Fiberglass?

How long is the lead wire:

Media: Oil, Water,?

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