

A Leading Manufacturer of Quality Thermocouple and RTD Assemblies Since 1972

Thermo Sensors Accessories

Thermo Sensors accessories include everything to complete the assembly and protect the terminals and wire from the often hostile environments in which they function. These accessories include the explosion and weatherproof caps to compression fittings and terminal blocks.

Please refer to our order guide to assist in determining your needs. We can also provide technical design assistance and application suggestions. Give us a call.



Male/Female Connectors



- Miniature plugs and jacks provide dependable, quick connections and easy installation of fine thermocouple wire and sheath. Accepts wire from .001" diameter to 20 gauge.
- Polarized pins make it virtually impossible to mismatch. Large Double wipe jack inserts assure tight grip and low signal loss. Due to exclusive isolated screw design, contact is all thermocouple alloy from wire entrance to wire exit. ANSI calibration symbol and polarity symbol are molded on connector face.
- Alloys of prongs and inserts match ANSI calibrations to maintain sensing accuracy. Alloy and polarity are identified by symbols molded into body.

How To Order:

Select the desired connector and replace the(*) with calibration code.

Example: 6002K

Standard - Miniature	
Part Number	Description
6002(*)	Female Plug
6008(*)	Female Jack
High -Temp- Miniature	
Part Number	Description
6032H(*)	Female Plug
6038H(*)	Female Jack

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- 2-Pole Connector plugs and jacks are made to exacting specifications to provide rapid, dependable connections between thermocouples and extension wires.
- Alloys of prongs and inserts match ANSI calibrations to maintain sensing accuracy. Alloy and polarity are identified by symbols molded into body.
- Inserts are spring loaded collet type to assure positive full contact with the negative insert larger making it virtually impossible to mismatch.
- Connector bodies molded of glass filled thermoset compounds (will not melt) for high strength and dependability. The color coded connectors will withstand ambient temperatures to 400° F (205° C) continuous and 500° F (260° C) intermittent. High- Temperature connectors will withstand ambient temperatures to 800° F (425° C) continuous and 1000° F (540° C) intermittent. (All Hi-Temp are color coded rust.

Standard - 2-Pole

Part Number	Description
6000 (Calib.)	Std. Male Plug
6001 (Calib.)	Solid Pin Plug
6005 (Calib.)	Female Jack

High-Temperature - 2-Pole

Part Number	Description
6020 (Calib.)	Std. Male Plug
6021 (Calib.)	Solid Pin Plug
6025 (Calib.)	Female

How To Order:

Select desired connector and specify the Part Number followed by Calibration Code.
Example: 6000J

Single Panel Jacks



Style 1



Style 2



Style 3

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Single circuit jacks designed for mounting into control panel or instrument case can be wired and installed completely from the front. Fits in standard 3/4" knockout (1 1/8" diameter). Permanently attached self-fastening device simplifies mounting, holds tight.

Style	Description	Part Number
1	Standard 2-Pole Jack w/Nickel Plated Steel Fram Fits 3/4" Knock-Out	6007M (x)
2	Standard 2-Pole Jack- Molded Polypropylene Body Fits Knock-Out 3/4" Max. Temp: 300 O F	6007P (x)
3	Miniature 2-Pole Jack w/Nickel Plated Steel Fits 3/4" Knock-Out	6052 (x)
x Specify Calibration Code: J, T, K, N, R, S, E, WR, W5, CU, Note: CU = Copper/Copper		Example: 6007MK