

Pyromation Thermocouples

Thermocouples are the most common, convenient, and versatile devices used to measure temperature. They convert units of heat into useable engineering units that serve as input signals for process controllers and recorders. Pyromation produces a wide range of thermocouples for most market applications, including MgO (Magnesium Oxide), industrial and general purpose types. We also make thermocouple assemblies for hazardous locations and other applications that require connection heads, protection tubes, thermowells and/or transmitters.

Pyromation Thermowells

A thermowell is a pressure-tight receptacle that protects and extends the life of a temperature sensor in processing applications where the sensor is not mechanically or chemically compatible with the process environment. Installed directly into the piping systems, thermowells facilitate sensor replacement in high pressure pipelines and eliminate the need to interrupt the process flow or drain the process system for sensor maintenance functions. The use of standardized thermowells permits simple relocation of sensors throughout a plant.