



*Quality in Every Degree®*

our company philosophy

Pyromation's mission is to provide a level of commitment to our customers beyond that found anywhere in our industry. Our level of commitment is demonstrated daily in our efforts to provide high quality products and services, tailored to the customers' wants, designed to meet their needs, produced in any quantity, and delivered to meet their schedule.

Pyromation's production teams operate within manufacturing cells dedicated to specific product groups to produce quality products on a timely basis. Cellular manufacturing allows for an efficient work flow of orders for standard, special purpose or prototype temperature sensors.

## The Extreme Difference

Dynamic and responsive – that's Pyromation. For more than 40 years, our team of professionals has offered our customers innovative solutions for all of their sensor needs. At Pyromation, the customer always comes first. That's the Pyromation difference.

### **COMMITMENT TO QUALITY**

Pyromation adheres to an outstanding quality assurance program that begins with our manufacturing cells. Our rigid raw material inspection, continuous in-process inspections and final functionality tests ensure that our sensors meet all industry and customer standards. In addition to our ISO 9001 certification, we have received a Certificate of Accreditation through NVLAP, a mark of distinction achieved only by a very select group of temperature sensor manufacturers in the United States.

### **PRODUCT DEVELOPMENT & SELECTION**

Pyromation offers a broad line of temperature sensors, designed to meet the most critical temperature sensitive process industry requirements. Whatever your application needs, we have a standard or specialty product, assembly, instrument or accessory to match. Plus, our products are available in small or large lot sizes. If, however, you need a prototype that requires special parts, you can count on us to deliver it in a timely manner. Our in-house machine shop, complete with CAD-CAM support, metal cutting, threading, shaping and finishing machinery complements our engineering, design and production departments to manufacture sensors with special component parts.

### **ENGINEERING SUPPORT**

Our expert engineering staff is dedicated to the continual improvement and development of products. Our engineers design and build specialized machinery and tooling to improve manufacturing techniques and reduce product costs. Our CAD design system, combined with in-house testing and design, facilitate our ability to develop new products with proven reliability quickly to market to meet customers' specific applications.

# The Extreme Difference



## INDUSTRIAL THERMOCOUPLE ELEMENTS, PROTECTION TUBES AND ASSEMBLIES

- All base and noble metal thermocouple types
- Various metal, ceramic and composite material protection tubes
- Complete selection of standard and custom assembly configurations



## MgO INSULATED THERMOCOUPLE ELEMENTS

- All base and noble metal thermocouple types
- Numerous element options, sheath materials, sheath diameters, sheath fitting options, lead wire types and termination options
- Complete selection of standard and custom assembly configurations



## PLASTICS, RUBBER, AND PACKAGING INDUSTRIES SENSOR ASSEMBLIES

- All base metal thermocouple and RTD types
- 316 Stainless steel standard sheath material, other materials available
- Numerous element options, sheath diameters, sheath fitting options, lead wire types and termination options
- Complete selection of standard and custom assembly configurations



## RTD TEMPERATURE SENSOR ASSEMBLIES

- All RTD types, accuracies and element options
- 316 Stainless steel standard sheath material, other materials available
- Numerous element options, sheath diameters, sheath fitting options, lead wire types and termination options
- Complete selection of standard and custom assembly configurations



## THERMOWELL ASSEMBLIES

- All thermocouple and RTD types
- Spring-loaded replacement elements
- Drilled bar-stock wells in various types of screwed, flanged and weld-in configurations
- Multiple material types and well options
- A variety of connecting head and lead wire terminations

## DRILLED THERMOWELLS

- Available in a variety of threaded, flanged, and weld-in styles
- Standard or custom connection sizes
- Straight, stepped, or tapered stems
- 1/4" or 3/8" bore sizes
- Supplied with or without lagging extensions
- Available in common materials such as carbon steel, Alloy 20, 304 and 304LC Stainless Steel, 316 and 316LC Stainless Steel, 446 Stainless Steel, Hastelloy B, C, and X, Incoloy 800, Inconel 600, Monel, F91, A105, F11-2, F22-1 Titanium, and Teflon.

## SANITARY CONNECTED RTD ASSEMBLIES

- All RTD types, accuracies and element options
- A complete selection of CIP connections
- A variety of straight and reduced tips sheath configurations
- Multiple connecting head and lead wire terminations
- Complete selection of standard and custom assembly configurations

## SPECIAL PURPOSE THERMOCOUPLES AND RTD'S

- Non intrusive tank sensors
- Rubber compound mixing sensors
- Heat tracing sensors
- Variable cut-to-length sensors
- Abrasion resistant aggregate thermocouples
- Chemical resistant Teflon-coated temperature sensors
- Engine thermocouples
- Thermostat temperature sensors
- Averaging sensors
- Penetration-style sensors

## INSTRUMENTATION AND ACCESSORIES

- RTD temperature transmitters
- Programmable temperature transmitters
- Selector switches
- Digital process indicators
- Hand-held meters
- Insulated Wires
- Connection Heads
- Terminal Blocks
- Connectors
- Mounting Fittings



"We do it right the first time, on time, every time."



### **DELIVERY**

With our Express Order system, we can ship non-stock, manufactured products with same day, 24-hour or 72-hour guaranteed shipment. Express orders can be placed by phone with our Sales Department anytime during normal office hours for a reasonable quantity of temperature sensors or related products. Plus you can check your order status and track shipments on our web page at [www.pyromation.com](http://www.pyromation.com), 24 hours a day, seven days a week.



### **CUSTOMER SERVICE**

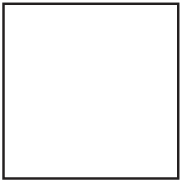
Our salespeople, all have hands-on, in-house production experience and field application knowledge. You can be assured of expert guidance and support in choosing which product is best for your applications. Combined with an expert staff of engineers, factory-trained representatives and stocking distributors, your customer service team offers you extreme performance.



### **INTERNET CAPABILITIES**

Our web page offers extensive technical assistance and complete product information. We offer options to place orders, check real-time order status, track shipments & RMA's, and access other account status information at [www.pyromation.com](http://www.pyromation.com).





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