



MOD-TRONIC Instruments Broadens RTD Sensor Offerings Across Expanded Product Lineup

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MOD-TRONIC Instruments Limited, an industrial distributor of sensors, transducers, heaters, controls, and instrumentation, announced an expansion of its product lineup that broadens the company's range of RTD temperature sensing solutions for industrial customers across North America. The expanded catalog adds new resistance temperature detector configurations alongside complementary thermocouple and temperature control products, reflecting continued growth in the company's temperature measurement portfolio.

The expansion covers a wider selection of RTD probes, sensor assemblies, and specialized configurations designed for demanding measurement environments. Among the additions are flexible thermal ribbon RTDs, non-metallic case miniature sensors, and bearing sensors engineered for rotating machinery applications. The broadened lineup is intended to give engineers and maintenance teams more options when specifying temperature instrumentation for process control, aerospace, medical, military, and oil and gas installations.

MOD-TRONIC, which has operated for more than 50 years, positions the expanded offering as part of a long-standing focus on temperature measurement technology. The company stocks resistance temperature detectors, thermocouples, infrared temperature sensors, and integrated controls, supporting customers who

require reliable readings in industrial process settings. The additions to the catalog reflect ongoing investment in inventory depth across the company's temperature sensing categories.

"Temperature measurement remains at the core of what our customers rely on us for, and broadening our RTD offerings allows us to meet a wider range of application requirements from a single source," said Steven Ruple, President of MOD-TRONIC Instruments Limited. "By expanding the lineup, we are giving engineers and plant teams more configurations to choose from without asking them to compromise on accuracy, availability, or support."

An RTD, or resistance temperature detector, measures temperature by correlating the resistance of a sensing element, typically platinum, with the surrounding temperature. RTDs are widely used in industrial process control for their stability and repeatability over broad temperature ranges. By expanding the number of available RTD styles, MOD-TRONIC aims to serve applications ranging from bearing and stator winding monitoring on large electric motors to laboratory and process instrumentation that depends on precise, repeatable measurement.

The expanded lineup complements the company's broader instrumentation catalog, which includes pressure and humidity sensors, current sensors and transformers, power measurement equipment, flow indicators, data acquisition products, signal conditioners, relays, switches, and timers. MOD-TRONIC serves as an authorized stocking distributor for a range of manufacturers and describes itself as the largest authorized MINCO stocking distributor in the world, maintaining thousands of sensors and heaters in inventory for rapid shipment.

The company operates a network of branch locations supported by centralized inventory and distribution. This footprint supports the company's ability to supply RTD sensors, thermocouples, and related instrumentation to customers with short lead times.

Temperature sensing products carried by MOD-TRONIC are sourced from manufacturers in North America, Japan, Switzerland, and Germany. The company notes that products manufactured in the United States and Canada comply with the USMCA trade agreement, and it applies a five-year limited warranty across its product range. Technical support services accompany the product lineup, assisting customers with sensor selection, configuration, and application questions.

"Our customers work in environments where a single measurement can affect equipment reliability and safety, so the depth of our RTD and thermocouple inventory matters as much as the breadth," Ruple said. "The goal behind expanding the lineup is straightforward: keep more of what our customers need in stock and ready to ship, backed by the technical support and warranty they expect from us."

The addition of new RTD configurations arrives as industrial operators continue to modernize monitoring systems and place greater emphasis on predictive maintenance. Accurate temperature data from resistance temperature detectors and thermocouples plays a role in condition monitoring programs, where measurement reliability contributes to reduced downtime and longer equipment life. MOD-TRONIC's expanded catalog is intended to align with those requirements by offering a wider selection of sensing options and assemblies suited to varied operating conditions.

MOD-TRONIC Instruments Limited continues to focus on temperature, pressure, and humidity instrumentation for industrial and specialized markets. Additional information about the expanded RTD product lineup and the company's full catalog of sensors and controls is available at www.mod-tronic.com.

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MOD-TRONIC Instruments Limited

MOD-TRONIC is a distributor of fourteen high-quality manufacturers of industrial Sensors, Transducers, Heaters, Controls, and Instrumentation. We are very proud to say that the majority of the products we sell are made in the USA.

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