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FOR IMMEDIATE RELEASE**THZ³ HART® Temperature Transmitter Now Includes
Associated Intrinsically-Safe Sensor Connections**

NORTH HILLS, CA—October 30, 2017—Moore Industries announces a new member to the Associated Intrinsically-Safe (AIS) family of products with the release of the THZ³ compact Dual Input Smart HART® Temperature Transmitter in DIN Rail Mount housing with Associated IS sensor connections. The intrinsically-safe -AIS option allows direct connection of sensors located in hazardous areas since it includes an internal intrinsically-safe barrier in the front end of the THZ³. The Universal mounting bracket easily snaps on and off of 35mm Top Hat DIN-rails and standard relay tracks.

The THZ³-DIN with the -AIS option is an associated apparatus suitable for mounting in Non-Hazardous or Class I, Division 2/Zone 2 hazardous locations with sensor input terminals connected to equipment or sensors located in Class I, II, III, Division 1/Zone 0/1 hazardous locations. Installation costs are reduced if an associated apparatus like the THZ³-DIN with -AIS option is used, since the intrinsically-safe barrier is embedded in the receiving device. There is no need for the additional cost of the IS barrier, cabinet space, high integrity clean ground connection, separate power supply, or custom vendor backplanes. This drastically reduces the cost of purchasing, installation, and maintenance versus more traditional approaches requiring a separate Zener or isolating barrier. Blue connectors on the THZ³-DIN with -AIS option provide a visual way to recognize the Associated IS capability.

The dual-input THZ³-DIN with the -AIS option offers all the features customers have come to expect from Moore Industries temperature transmitters like reliability and accuracy, HART 7 compliance, 20 bit resolution, sensor failover and backup capability, device intelligence including Sensor Drift and Corrosion Detection, and Input Simulation capability. The THZ³ is also HART and DTM Programmable for fast and accurate setup with a user-oriented basic configuration. The THZ³ is HART configurable via any HART handheld configurator or HART compatible host. Users can also program or monitor with any FDT compliant host or program, such as PACTware, utilizing our DTM.

Check out other exciting products in the Moore Industries' Associated Intrinsically-Safe family like the reliable universal SPA²IS Programmable Limit Alarm Trips that warns of unwanted process conditions and enables a last line of defense for emergency shutdown situations.

About Moore Industries-International, Inc.:

Based in North Hills, CA, Moore Industries is a world leader in the design and manufacture of rail, panel and field instruments for industrial process control and monitoring, system integration and factory automation. The company has direct sales offices in the United States and additional strategic worldwide locations in Australia, Belgium, the Netherlands, the People's Republic of China and the United Kingdom. The company serves a variety of industries such as chemical and petrochemical; power generation and transmission; petroleum extraction, refining and transport; pulp and paper; food and beverage; mining and metal refining; pharmaceuticals and biotechnology; industrial machinery and equipment; water and wastewater; and environmental and pollution monitoring.

For more information on Moore Industries, visit www.miinet.com.

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