

Moore Industries Has Complete Temperature Measurement Solutions.



ATEX II 2GD EEx d IIC T6 certified transmitter and sensor assemblies for flame-proof (explosion-proof) applications

in hazardous classified areas. Intrinsically Safe and Type N approvals are also available.



- ✓ Cost-effective and ready-to-install assemblies with transmitter, connection head, sensor, thermowell and fittings.
- ✓ Transmitters with Failure, Modes, Effects, and Diagnostic Analysis (FMEDA) reports.
- ✓ Precision input-to-output analog accuracy of up to $\pm 0.014^{\circ}\text{C}$.

- ✓ Universal PC-programmable, smart HART®, and site-programmable models handle RTD, T/C, ohm and mV inputs.
- ✓ Quality and reliability with high Mean Time Between Failure (MTBF) figures.
- ✓ Long-term stability with up to 5 years between scheduled calibrations.
- ✓ Analog output, HART and other digital communication protocols.
- ✓ Compact field-mount, connection head, DIN-style rail-mount, and models with digital displays.
- ✓ Universal length RTD and Thermocouple sensors.
- ✓ Isolated, linearized, and RFI/EMI protected.
- ✓ Off-The-Shelf Solutions.



The Interface Solution Experts • www.miinet.com

United States • info@miinet.com
 Tel: (818) 894-7111 • FAX: (818) 891-2816
 Australia • sales@mooreind.com.au
 Tel: (02) 8536-7200 • FAX: (02) 9525-7296

Belgium • info@mooreind.be
 Tel: 03/448.10.18 • FAX: 03/440.17.97
 The Netherlands • sales@mooreind.nl
 Tel: (0)344-617971 • FAX: (0)344-615920

China • sales@mooreind.com.cn
 Tel: 86-21-68406724 • FAX: 86-21-50623585
 United Kingdom • sales@mooreind.com
 Tel: 01293 514488 • FAX: 01293 536852

Moore Industries has achieved the stringent hazardous area certification:



II 2GD EEx d IIC T6
by ISSeP (Belgium) in accordance
with EU ATEX Directive 94/9/EC

The flame-proof (explosion-proof) certification covers Moore Industries' most popular temperature transmitters in hockey-puck (HPP housings) in combination with the company's LH2 (IP66, NEMA 4X) field-mount enclosure.

Temperature transmitters are approved with spring-loaded and fixed sensors specially designed to meet stringent certification requirements.

Spring-Loaded Sensor Model: The spring mechanism is used to push and hold the temperature sensor probe tip securely at the bottom of a thermowell.

Fixed Sensor Model: The sensor probe is permanently welded to the bottom of the nipple when the assembly is installed without a thermowell.

Approved Assemblies

Model TRY
Isolated PC-Programmable
Temperature Transmitter

Model TRX
Non-Isolated PC-Programmable
Temperature Transmitter

Model T2X
Non-Isolated Universal RTD
Temperature Transmitter

Model THZ
Isolated Smart HART®
Temperature Transmitter

Model TRZ
Isolated Smart HART®
Temperature Transmitter



Figure 1. Transmitter and Sensor Assembly Dimensions.

