

1151 Boston-Providence Turnpike
P.O. Box 9102 Norwood, MA 02062 USA
T: 781 762 4300 F: 781 762 9375 www.fmglobal.com

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

THZ/PRG/4-20mA/12-30DC [a]. Smart HART Temperature Transmitter.

IS/I,II,III/1/ABCDEFGH/T3C Ta = 60°C; T4A Ta = 40°C – 100-100-57/A; Entity; NI/II/2/ABCD/T3C Ta = 60°C;
T4A Ta = 40°C; S/III/2/FG/T3C Ta = 60°C; T4A Ta = 40°C; S/III/2/T3C Ta = 60°C; T4A Ta = 40°C Entity

Parameters:

Vmax = 30V, Imax = 110mA, Ci = 13nF, Li = 0mH.

a = Housings HPP, HPPD, D-Box, LH1 and LH2.

Special Conditions of Use:

1. The unit shall be installed in an enclosure meeting the requirements of ANSI/ISA S82.02.01 or other applicable ordinary location standards.
2. Approval of the Model THZ covers operation in the Class II, III, Division 2 hazardous location only when installed in a Nationally Recognized Test laboratory (NRTL) Approved dust-tight enclosure in accordance with the manufacturer's instructions.

Equipment Ratings:

Intrinsically Safe (Entity) for use in Class I, II, III, Division 1, Groups A, B, C, D, E, F and G; in accordance with Control Document No.100-100-57; Nonincendive for use in Class I, Division 2, Groups A, B, C and D; Suitable for use in Class II and III, Division 2, Groups F and G; indoor Hazardous (Classified) Locations.

Approved for:

Moore Industries International
Sepulveda, CA 91343 USA

This certifies that the equipment described has been found to comply with the following
Factory Mutual Research Approval Standards and other documents:

Class 3600	1998
Class 3610	1988
Class 3611	1986
Class 3810	1989

Original Approval Job Identification: 3005473 Approval Granted: February 22, 2000

Subsequent Revision Reports / Date Approval Amended

Factory Mutual Research Corporation



Robert L. Martell, Jr.
Assistant Vice President
Approvals Division

3/1/02
Date