

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:

**PSD/4-20mA/PRG/2.3VLP/a [b]. PC Programmable Loop Display.**

IS/I,II,III/1/ABCDEFG/T6 Ta = 40°C; T5 Ta = 60°C – 100-100-55/A; Entity; NI/II/2/ABCD/T6 Ta = 40°C; T5 Ta = 60°C; S/II/2/FG/T6 Ta = 40°C; T5 Ta = 60°C; S/III/2/T6 Ta = 40°C T5 Ta = 60°C

Entity Parameters:

Vmax = 30V, Imax = 110mA, Pmax = 550mW, Ci = 0nF, Li = 0mH.

a= -ISF (Intrinsically Safe & Non-Incendive) or Blank (Non-Incendive).

b= Housing D-Box, DN, BH, HP, FL, FLD, HPDY, TW.

**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. No connections shall be made to the communications "COM" port in Hazardous (Classified) Locations.
3. Maximum operating parameters of the "COM" port for use in Non-Hazardous areas shall not exceed 3.0V, 300µA and 240µW.
4. Approval of the Model PSD 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. 100-100-55; 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

# Factory Mutual Research

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: 3005603      Approval Granted: December 27, 1999

Subsequent Revision Reports / Date Approval Amended

Factory Mutual Research Corporation



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

3/1/02  
Date