



FM Approvals
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Member of the FM Global Group

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

ISDP-a. Differential Pressure Transmitter.

IS / I,II,III / 1 / ABCDEFG / T4 Ta -40 °C to 72 °C; - 19-443480-50 Entity; Type 4X
I / 0 / AEx ia IIC / T4 Ta -40 °C to 72 °C; - 19-443480-50 Entity;

Input Entity Parameters:

U_i (V_{max}) = 28V, I_i (I_{max}) = 93 mA, P_i = 651 mW, C_i = 22 nF, L_i = 400 μH

a = Pressure Range: 001, 002, 003, 004, 005, 006, 007, 008, 009, 010, 011, 012, 013, 014, 015, 016, 017

Equipment Ratings:

Intrinsically Safe for Class I, Division 1, Groups A-G; and Intrinsically Safe for Class I, Zone 0, Group IIC hazardous (classified) locations

FM Approved for:

Dwyer Instruments
102 Highway 212 Michigan City, IN USA 60090



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

Class 3600	1998
Class 3610	1999
Class 3810	2005

Original Project ID: 3029937

Approval Granted: *October 7, 2008*

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC

J. E. Marquedant

J. E. Marquedant
Group Manager, Electrical

7 October 2008

Date