



FM Approvals  
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Member of the FM Global Group

# CERTIFICATE OF COMPLIANCE

## HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

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 / Ex ia IIC / T4 Ta -40 °C to 72 °C; - 19-443480-50 Entity;

Input Entity Parameters:

Ui (Vmax) = 28V, Ii (Imax) = 93 mA, Pi = 651 mW, Ci = 22 nF, Li = 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



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

C22.2 No. 157	1992
C22.2 No. 142	1987

Original Project ID: 3029937

Approval Granted: October 7, 2008

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
090513	July 30, 2009		

FM Approvals LLC

  
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J. E. Marquedant  
Group Manager, Electrical

30 July 2009  
Date