



FM Approvals
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Member of the FM Global Group

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

This certificate is issued for the following equipment:

ATM.1ST/IS Pressure Transmitter

IS/I,II,III/1/ABCDEFGH/ T6 Ta = 50°C, T4 Ta = 85°C & T3 Ta = 125°C – DMM027;
 Entity; NIFW/I,II,III/2/ABCDEFGH/ T6 Ta = 50°C, T4 Ta = 85°C & T3 Ta = 125°C;
 Entity Parameters:
 Vmax = 30V, Imax = 100mA, Pi = 0.75W, Ci = 12nF + 0.12nF/meter of integral
 cable,
 Li = 1.25mH + 0.001mH/meter of integral cable.

Temperature Class	T6	T4	T3
Ambient Range (°C)	-40 to +50	-40 to +85	-40 to +125
Process Range (°C)	-40 to +50	-40 to +110	-40 to +150

ATM.ECO/IS Pressure Transmitter

IS/I,II,III/1/ABCDEFGH/ T6 Ta = 50°C, T4 Ta = 85°C & T3 Ta = 125°C – DMM027;
 Entity; NIFW/I,II,III/2/ABCDEFGH/ T6 Ta = 50°C, T4 Ta = 85°C & T3 Ta = 125°C;
 Entity Parameters:
 Vmax = 30V, Imax = 100mA, Pi = 0.75W, Ci = 12nF + 0.12nF/meter of integral
 cable,
 Li = 1.25mH + 0.001mH/meter of integral cable.

Temperature Class	T6	T4	T3
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Process Range (°C)	-40 to +50	-40 to +110	-40 to +150

Specific Conditions of Use - It is the responsibility of the manufacturer to provide markings in

French where required by local jurisdictions.



Equipment Ratings:

Intrinsically safe for Class I, II, III, Div 1, applicable Groups A, B, C, D, E, F, G;
Nonincendive, using nonincendive field wiring parameters, for Class I, II, III, Division 2,
applicable Groups A, B, C, D, F, G hazardous (classified) locations when installed per
STS Drawing Number DMM027. Ambient temperature ranges, process temperature
ranges and temperature code ratings are as identified above.

FM Approved for:

STS Sensor Technik Sirnach AG
Ruetifhofstrasse 8
CH 8370 Sirnach, Switzerland



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

CSA-C22.2 No 157	2006
CSA-C22.2 No 142	2004
CSA-C22.2 No 213	2004
CSA-C22.2 No 25	2004

Original Project ID: 3038239C

Approval Granted:

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC



J.E. Marquedant
Group Manager

10 June 2010
Date