



Member of the FM Global Group

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

CERTIFICATE OF COMPLIANCE

HAZARDOUS 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 – 10.88.0435;

Entity;

NIFW/I,II,III/2/ABCDEFGH/ T6 Ta = 50°C, T4 Ta = 85°C & T3 Ta = 125°C – 10.88.0435;

Entity Parameters:

Vmax = 28V, Imax = 93mA, Pi = 0.65W, 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 – 10.88.0435;

Entity;

NI/I,II,III/2/ABCDEFGH/ T6 Ta = 50°C, T4 Ta = 85°C & T3 Ta = 125°C; - 10.88.0435; NIFW

Entity Parameters:

Vmax = 28V, Imax = 93mA, Pi = 0.65W, 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



Member of the FM Global Group

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 locations when installed per STS Drawing Number 10.88.0435. Ambient temperature ranges, process temperature ranges and temperature code ratings are as identified above.

FM Approved for:

STS Sensor Technik Sirmach AG
Ruetihofstrasse 8
CH 8370 Sirmach, Switzerland



Member of the FM Global Group

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

CSA-C22.2 No. 157	2012 *
CSA-C22.2 No. 142	2009
CSA-C22.2 No. 213	2013
CSA-C22.2 No. 25	2009

Original Project ID: 3038239C

Approval Granted: June 10, 2010

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
131106	December 6, 2013		
140123	February 11, 2014		
RR204106	February 24, 2016		

FM Approvals LLC

J.E. Marquedant
Group Manager, Electrical

24 February 2016
Date