



Member of the FM Global Group

FM Approvals  
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# CERTIFICATE OF COMPLIANCE

## HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

This certificate is issued for the following equipment:

### **ATM/F/IS Pressure Transmitter**

IS / I, II, III / 1 / ABCDEFG; Entity; 10.00.0410  
NI / I, II, III / 2 / ABCDFG; NIFW; 10.00.0410  
Entity / Nonincendive field wiring parameters:  
Vmax = 30 V, Imax = 100 mA, Pi = 1 W  
Ci = 10 nF + 0.12 nF / meter of integral cable  
Li = 0.1 mH + 0.001 mH / meter of integral cable

Temperature Class	T6	T4	T3
Ambient Range (°C)	-25 to +55	-25 to +85	-25 to +85
Process Range (°C)	-25 to +55	-25 to +100	-25 to +150

### **ATM/N/IS**

IS / I, II, III / 1 / ABCDEFG; Entity; 10.00.0410  
NI / I, II, III / 2 / ABCDFG; NIFW; 10.00.0410  
Entity / Nonincendive field wiring parameters:  
Vmax = 30 V, Imax = 100 mA, Pi = 1 W  
Ci = 10 nF + 0.12 nF / meter of integral cable  
Li = 0.1 mH + 0.001 mH / meter of integral cable

Temperature Class	T4
Ambient Range (°C)	-5 to +50
Process Range (°C)	-5 to +50

### **ATM/IS**

IS / I, II, III / 1 / ABCDEFG; Entity; 10.00.0410  
NI / I, II, III / 2 / ABCDFG; NIFW; 10.00.0410  
Entity / Nonincendive field wiring parameters:  
Vmax = 30 V, Imax = 100 mA, Pi = 1 W  
Ci = 10 nF + 0.12 nF / meter of integral cable  
Li = 0.1 mH + 0.001 mH / meter of integral cable

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)



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Temperature Class	T6	T4	T3
Ambient Range (°C)	-25 to +55	-25 to +85	-25 to +85
Process Range (°C)	-25 to +55	-25 to +100	-25 to +150

### 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 10.00.0410. 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



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: 3027351C

Approval Granted: July 18, 2007

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
080806	August 11, 2008		
090916	October 29, 2009		
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