



Member of the FM Global Group

FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

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;

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

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

To verify the availability of the Approved product, please refer to www.approvalguide.com
FM Approvals HLC 5/13 3038239



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 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



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

Class 3600	2011 [*]
Class 3610	2010
Class 3611	2004
Class 3810	2005

Original Project ID: 3038239

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