



# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

**ATM/F/IS Pressure Transmitter**

IS / I, II, III / 1 / ABCDEFG; Entity; DMM018  
 NIFW / I, II, III / 2 / ABCDEFG; DMM018  
 Entity / Nonincendive field wiring parameters:  
 $V_{max} = 30\text{ V}$ ,  $I_{max} = 100\text{ mA}$ ,  $P_i = 1\text{ W}$   
 $C_i = 12\text{ nF} + 0.12\text{ nF / meter of integral cable}$   
 $L_i = 0.25\text{ mH} + 0.001\text{ mH / meter of integral cable}$

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; DMM018  
 NIFW / I, II, III / 2 / ABCDEFG; DMM018  
 Entity / Nonincendive field wiring parameters:  
 $V_{max} = 30\text{ V}$ ,  $I_{max} = 100\text{ mA}$ ,  $P_i = 1\text{ W}$   
 $C_i = 12\text{ nF} + 0.12\text{ nF / meter of integral cable}$   
 $L_i = 0.25\text{ mH} + 0.001\text{ mH / meter of integral cable}$

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

**ATM/IS**

IS / I, II, III / 1 / ABCDEFG; Entity; DMM018  
 NIFW / I, II, III / 2 / ABCDEFG; DMM018  
 Entity / Nonincendive field wiring parameters:  
 $V_{max} = 30\text{ V}$ ,  $I_{max} = 100\text{ mA}$ ,  $P_i = 1\text{ W}$   
 $C_i = 12\text{ nF} + 0.12\text{ nF / meter of integral cable}$   
 $L_i = 0.25\text{ mH} + 0.001\text{ mH / meter of integral cable}$

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

**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 DMM018. Ambient temperature ranges, process temperature ranges and temperature code ratings are as identified above.

**FM Approved for:**

STS Sensor Technik Sirmach AG  
 Ruetifhofstrasse 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	1998
Class 3610	1999
Class 3810	2005
Class 3611	2004

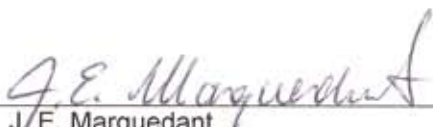
Original Project ID: 3027351

Approval Granted: July 18, 2007

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
080806	August 11, 2008		

FM Approvals LLC

  
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J.E. Marquedant  
Group Manager, Electrical

11 August 2008  
Date