

FM Approvals  
1151 Boston Providence Turnpike  
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# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

### **662a-b-c-d-e-f-g-hi. Temperature Transmitter**

XP / I / 1 / ABCD / T6 Ta = -40°C to 55°C; T5 Ta = -40°C to 70°C; T4 Ta = -40°C to 85°C – M009302;  
DIP / II, III / EFG / T6 Ta = -40°C to 55°C; T5 Ta = -40°C to 70°C; T4 Ta = -40°C to 85°C – M009302;  
XP / I / 1 / IIC T6 Ta = -40°C to 55°C; T5 Ta = -40°C to 70°C; T4 Ta = -40°C to 85°C – M009302; Type 4X;  
IP66, IP67  
IS / I / 1 / ABCD T4 Ta = -40°C to 85°C – M009202, Entity;  
NI / I / 2 / ABCD / T4 Ta = -40°C to 85°C – M009202, NIFW;  
I / 0 / AEx ia IIC / T4 Ta = -40°C to 85°C – M009202, Entity; Type 4X; IP66, IP67  
Entity / Nonincendive Field Wiring Parameters:  
Vmax = 30V, Imax = 300mA, Pi = 1W, Ci = 5.3nF, Li = 0  
Voc = 7.6V, Isc = 29.3mA, Po = 55.6mW, Ca = 10.4μF, La = 40mH

a = Certification C or F  
b = Display option T or D  
c = Configuration input 00, 21, 22, 23, 2T, 31, 32, 33, 3T, 41, 4T, T1 or TT  
d = Sensor Input Channel 1 not safety relevant  
e = Sensor Input Channel 2 not safety relevant  
f = Input Setups 0, A, C, D or E  
g = Failure Mode not safety relevant  
h = Range not safety relevant  
i = Unit of measure not safety relevant

### **Equipment Ratings:**

Explosionproof for Class I, Division 1, Groups A, B, C and D and Class I, Zone 1, Group IIC; Dust  
Ignitionproof for Class II, III, Division 1, Groups E, F and G; Intrinsically Safe for use in Class I, Division 1,  
Groups A, B, C and D and Class I, Zone 0, Group IIC; Nonincendive for use in Class I, Division 2, Groups  
A, B, C and D hazardous (classified) indoor / outdoor (Type 4X, IP66, IP67) locations.

FM Approved for:  
Pyromation Incorporated  
Fort Wayne IN 46825





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:

Class 3600	1998
Class 3610	2010
Class 3611	2004
Class 3615	2006
Class 3810	1989
Including Supplement #1	1995
ANSI/NEMA 250	1991
IEC 60529	2001
ANSI/ISA 60079-0	2009
ANSI/ISA 60079-11	2009

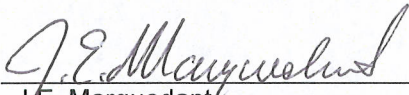
Original Project ID: 3052431

Approval Granted: May 13, 2014

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
140624	July 14, 2014		

FM Approvals LLC

  
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J.E. Marquedant  
Manager, Electrical Systems

14 July 2014  
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Date