



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:

### **9080aM-b-c-d. Instrument Enclosures.**

XP/II/1/BCD/Ta = -40°C to +60°C; DIP/II,III/1/EFG/Ta = -40°C to +60°C; Type 4X, IP66

a = Enclosure type WE, WM, AE, AM, SE, SM, TE or TM.

b = Entry configuration 04, 05, 06, 07, 08, 09, 13, 14, 17, 18, 19, 20, 21, 22, 25, 26, 27, 28, 30, 31, 32, 34, 35, 36, 37, 38, 39, 40 or 42.

c = Terminal block 00, 01, 04 or 10.

d = Number of wires (two digits; maximum value = 10).

### **Conditions of Use**

1. For models supplied with a terminal block, the enclosure's use is limited to a maximum of 35 Vdc/16 Vac, 5 A and 5.6 W.
2. The enclosure bottom or process entry (T1) requires a seal at the enclosure.

### **9080a-b-c. Indicator Assemblies.**

XP/II/1/BCD/T6 Ta = -40°C to +60°C; DIP/II,III/1/EFG/T6 Ta = -40°C to +60°C; Type 4X, IP66

a = Electronics type EL, FR, HM, HT, MK, MN, PP, PR, PR1, PR2, PR3 or RR.

b = Enclosure type A or T.

c = Entry configuration 04, 05, 06, 07, 08, 09, 13, 14, 17, 18, 19, 20, 21, 22, 25, 26, 27, 28, 30, 31, 32, 34, 35, 36, 37, 38, 39, 40 or 42.

### **Conditions of Use**

1. The maximum supply voltage for all indicator assemblies is 35 Vdc.
2. The enclosure bottom or process entry (T1) requires a seal at the enclosure.

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



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**9080Pa-b-c. Indicator Assemblies.**

XP/I/1/BCD/T6 Ta = -40°C to +60°C; DIP/II,III/1/EFG/T6 Ta = -40°C to +60°C; Type 4X, IP66

a = Electronics type A or T.

b = Enclosure type A or T.

c = Entry configuration 04, 05, 06 or 31.

**Conditions of Use**

1. The maximum supply voltage for all indicator assemblies is 35 Vdc.
2. The enclosure bottom or process entry (T1) requires a seal at the enclosure.

**Equipment Ratings:**

Explosionproof for Class I, Division 1, Groups B, C and D and Dust-Ignitionproof for Class II, Division 1, Groups E, F and G, Class III, Division 1 hazardous (classified) locations, indoors and outdoors (Type 4X, IP66).

**FM Approved for:**

International Metal Engineering Pte Ltd  
Singapore

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



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

Class 3600	2011
Class 3615	2006
Class 3616	2011
Class 3810	2005
ANSI/IEC 60529	2004
ANSI/NEMA 250	2003

Original Project ID: 3049139

Approval Granted: August 27, 2013

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC

J. E. Marquedant  
Group Manager, Electrical

27 August 2013

Date

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