



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:

**G4-PM-a-b-c-d-e-f-g-h-i. Multi-Channel Weighing Instrument.**

NI/I/2/ABCD/T4A Ta = 50°C; S/II,III/2/EFG/T4A Ta = 50°C

ANI/I,II,III/1/ABCDEFG – 401706; NIFW; Type 4X

a = Fieldbus Interface: 0, P or D.

b = Slot 1: 0, 2, 3, 4, 6, 7 or 8.

c = Slot 2: 0, 2, 3, 4, 6, 7 or 8.

d = Slot 3: 0, 2, 3, 4, 6, 7 or 8.

e = Slot 4: 0, 2, 3, 4, 6, 7 or 8.

f = Slot 5: 0, 2, 3, 4, 6, 7 or 8.

g = Slot 6: 0, 2, 3, 4, 6, 7 or 8.

h = Power Supply: D or A.

i = Software: W, F, S or Blank.

*Special Conditions of Use:*

1. The Model G4-PM Multi-Channel Weighing Instrument is for use indoor use only.
2. The USB connection shall not be used in hazardous(classified) locations.

### Equipment Ratings:

Nonincendive for use in Class I, Division 2, Groups A, B, C, and D; Temperature Class T4A Ta = 50°C;  
Suitable for use in Class II and III, Division 2, Groups E, F and G; Temperature Class T4A Ta = 50°C;  
Nonincendive field wiring connections to Class I, Division 2, Groups A, B, C, and D; Class II and III,  
Division 2, Groups E, F and G; when installed in accordance with Control Drawing No. 401706; indoor,  
Type 4X Hazardous (Classified) Locations.

**G4-RM-a-b-c-d-e-f. Multi-Channel Weighing Instrument.**

NI/I/2/ABCD/T4A Ta = 50°C; ANI/I,II,III/1/ABCDEFG; NIFW – 401709

a = Fieldbus Interface: 0, P or D.



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b = Slot 1: 0, 2, 3, 4, 6, 7 or 8.

c = Slot 2: 0, 2, 3, 4, 6, 7 or 8.

d = Slot 3: 0, 2, 3, 4, 6, 7 or 8.

e = Power Supply: V.

f = Software: W, F, S or Blank.

*Special Conditions of Use:*

- 1. The Model G4-RM Multi-Channel Weighing Instrument shall be installed in a final enclosure meeting the requirements of ANSI/ISA 61010-1 and the National Electrical Code® (ANSI-NFPA 70).*
- 2. The Model G4-RM Multi-Channel Weighing Instrument shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application.*
- 3. The USB connection shall not be used in hazardous(classified) locations.*

### Equipment Ratings:

Nonincendive for use in Class I, Division 2, Groups A, B, C, and D; Temperature Class T4A Ta = 50°C; Nonincendive field wiring connections to Class I, Division 2, Groups A, B, C, and D; Class II and III, Division 2, Groups E, F and G; when installed in accordance with Control Drawing No. 401709; indoor Hazardous (Classified) Locations.

### FM Approved for:

Vishay Transducers  
City of Industry, CA 91748 USA



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

|               |      |
|---------------|------|
| Class 3600    | 1998 |
| Class 3611    | 2004 |
| Class 3810    | 2005 |
| ANSI/NEMA 250 | 2003 |

Original Project ID: 3036035

Approval Granted: March 30, 2011

Subsequent Revision Reports / Date Approval Amended

| Report Number | Date | Report Number | Date |
|---------------|------|---------------|------|
|---------------|------|---------------|------|



FM Approvals LLC

A handwritten signature in black ink that reads "J. E. Marquedant". The signature is written in a cursive style.

30 March 2011

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J. E. Marquedant  
Group Manager, Electrical

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Date