



FM Approvals
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Member of the FM Global Group

CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

Model 311aNbcdefgh. Pressure Transmitter.

AEx nC IIC, T5, Ta = 80°C – 8C1-65.01-2 *

NI / I / 2 / ABCD / T5, Ta = 80°C – 8C1-65.01-2 **

S / II, III / 2 / EFG / T5, Ta = 80°C – 8C1-65.01-2 ***

Nonincendive / energy-limited field wiring parameters:

Vmax, Ui = 28V, Imax, li = 100 mA, Ci = 27.2 nF, Li = 0

* Rating applicable only when equipped with electrical connection option AA, DQ, DR, DT, DU or DV

** Connection options Bx, Cx or Dx (where x = A-Z) require connection using the nonincendive field wiring scheme.

*** Rating applicable only when equipped with electrical connection option AA

a = Approvals: Blank or G

b = Accuracy: B, C or D

c = Non-standard range (where applicable, range other than std. sensors or psi): SZ or blank

d = Standard sensor ranges (psi): PJ, PL, PN, PP, PQ, PR, PS, PO, PT, PV, PX, PZ, RB, RD, RE, RF, RH, RJ, RK, RM, RO, RR, RS, RT, RV, RX, RZ, SB, SD, SF, SH or SK

e = Pressure reference: 2, 3, 4, 6, 7, 8, 9 or 10

f = Electrical connections: AA, DQx, DRx, DTx, DUx, DVx (where x is number of pins), Bx (where x = A - Z), Cx (where x = A - Z) or Dx (where x = A - Z)

g = Alternate pressure ports: Fx (where x = A - Z), lx (where x = A - Z), Lx (where x = A - Z)

h = Options: GC, GD, GE, GG, GH, GJ, GK, GL, GP, GR, GY, HE, HX, JP, JS, JY, ME, NB, NC, An (where "n" represents a sequential number starting with 1 (e.g. A1, A2, A3,...An)) or G11

Model 370aNbcdef. Pressure Transmitter.

AEx nC IIC, T5, Ta = 80°C – 8C1-65.00-2 *

NI / I / 2 / ABCD / T5, Ta = 80°C – 8C1-65.00-2 **

S / II, III / 2 / EFG / T5, Ta = 80°C – 8C1-65.00-2***

Nonincendive / Energy-limited field wiring parameters:

Vmax, Ui = 28V, Imax, li = 100 mA, Ci = 27.2 nF, Li = 0

* Rating applicable only when equipped with electrical connection option AA, DQ, DR, DT, DU or

DV

** Connection options Bx, Cx or Dx (where x = A-Z) require connection using the nonincendive field wiring scheme.

*** Rating applicable only when equipped with electrical connection option AA

a = Approvals: Blank or G

b = Sensors: A, B, C, D, E, F, G or H

c = Nonstandard range (where applicable, range other than std. sensors or psi): SZ or blank

d = Standard sensor ranges: RV, RW, RX, RZ, SB, SD

e = Alternate connectors: AA, DQx, DRx, DTx, DUx, DVx (where x is number of pins), Bx, (where x = A - Z), Cx (where x = A - Z), Dx (where x = A - Z)

f = Options: GB, GC, GE, GG, GJ, HE, JS, ME, MR, NC, NG, NH, QX, QY, A(1-x) (where X can be a multi-digit number)

Equipment Ratings:

Nonincendive for Class I, Division 2, Groups A, B, C, D; special protection for Class II and III, Division 2, applicable Groups E, F and G; T5 at Tambient = 80°C hazardous (classified) locations when installed per control drawings 8C1-65.01-2 (Model 311_) and 8C1-65.00-2 (Model 370_).

Transmitters fitted with NPT electrical connection option AA (male NPT thread) are Approved for Class I, II, III, Division 2, applicable Groups A through G, and Class I, Zone 2, AEx nC IIC, using both Division / Zone 2 wiring techniques and the nonincendive / energy-limited field wiring concept.

Transmitters fitted with electrical connection options B_, C_ or D_ are Approved for Class I, Division 2, Groups A, B, C and D and require connection using the nonincendive field wiring scheme.

Transmitters fitted with electrical connection options DQ_, DR_, DT_, DU_ or DV_ are Approved for Class I, Division 2, Groups A, B, C and D and Class I, Zone 2, AEx nC IIC using both Division / Zone 2 wiring techniques and the nonincendive / energy-limited field wiring concept.

FM Approved for:

GP:50 New York Limited
Grand Island, NY, 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
ANSI/ISA 12.12.02	2003
Class 3810	2005

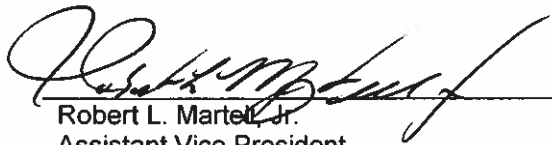
Original Project ID: 3035089

Approval Granted: *December 30, 2005*

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC



Robert L. Martell, Jr.
Assistant Vice President

December 30, 2005

Date