

# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

### **ECT Signal Isolator Converter. Model ECTabcde**

NI / I / 2 / ABCD

a = Input 4-20MA, 4-20MATX, 1-5V, 0-10V, 0-1AAC, 0-2AAC, 0-3ACC, 0-4AAC, 0-5AAC, 0-150AC, 0-250AC, 0-1V, 0-5V, 0-50MV, 0-100MV, 0-200MV, 0-500MV, 10-50MA, 4-12MA, 0-20MA, 2X4-20MA, 2X0-10V, 2X1-5V, 0-2V, 0-1MA, 0-10MA, -10MATO+10MA.

b = Outputs 4-20MA, 10-50MA, 1-5V, 0-10V, 2X4-20MA, 2X0-10V, 2X1-5V.

c = Power 12-42DC, 24-42DC, 117AC, 230AC, 24DC, 4.5VLP, 5.5VLP, 8.5VLP.

d = Options -EM, -TX.

e = Housing ECD, WTD, WTDP, TCED.

### **RIY Programmable, Isolated RTD Transmitter. Model RIYabcde**

NI / I / 2 / ABCD

a = Input R0, R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15.

b = Output 4-20MA.

c = Power 12-42DC, 12-30DC.

d = Options -CE, -DD, -ISA, -ISC, -ISE, -ISF, -ND, -NE.

e = Housing (DIN), (DN0), (FL), (FLD), (HP), (HPDY), (OTH), (TW), (VDN), (WTH), (2HG)(F2HG)(S2HG), (2HS)(F2HS)(S2HS), (2LG)(F2LG)(S2LG), (2LS)(F2LS)(S2LS), (3HG)(F3HG)(S3HG), (3HS)(F3HS)(S3HS), (3LG)(F3LG)(S3LG), (3LS)(F3LS)(S3LS).

### **Model TIYabcde. TIY Programmable, Isolated Thermocouple Transmitter.**

NI / I / 2 / ABCD

a = Input J1, J2, K1, K2, E1, E2, E3, T1, T2, R1, S1, N1, N2.

b = Output 4-20MA.

c = Power 12-42DC, 12-30DC.

d = Options -CE, -CSA, -DD, -ISA, -ISC, -ISE, -ISF, -ND, -NE, -NL, -SP1, -SP2, -STC.

e = Housing (DIN), (FL), (FLD), (HP), (HPDY), (OTH), (TW), (VDN), (WTH), (2HG)(F2HG)(S2HG), (2HS)(F2HS)(FM2HS)(S2HS), (2LG)(F2LG)(FM2LG)(S2LG), (2LS)(F2LS)(FM2LS)(S2LS),



(3HG)(F3HG)(FM3HG)(S3HG), (3HS)(F3HS)(FM3HS)(S3HS), (3LG)(F3LG)(FM3LG)(S3LG), (3LS)(F3LS)(FM3LS)(S3LS).

**SIX 2-Wire Signal Isolator/Converter. Model SIXabcde**

NI / I / 2 / ABCD

a = Input 0-1MA, 0-20MA, 4-20MA, 10-50MA, -1TO+1MA, -10VTO+10V, 1-5V, .2-1V, 0-1V, 0-5V, 0-10V, 0-30V.

b = Output 4-20MA, 10-50MA.

c = Power 12-42DC.

d = Options -ATL, -BI, -CE, -RF, -TROP.

e = Housings (DIN), (DNC), (TCED).

**Model SPTabcde. SPT Site Programmable, Isolated, Temperature Transmitter.**

NI / I / 2 / ABCD

a = Input TPRG.

b = Output 4-20MA, 1-5V, PRG, 0-20MA, 0-5V, 0-10V.

c = Power U.

d = Option: None.

e = Housing (DIN), (TCED), (EXULD), (EXTULD), (EXXULD), (FLD).

**Model SPAabcde. SPA Site Programmable, Isolated, Alarm.**

NI / I / 2 / ABCD

a = Input HLPRG, TPRG.

b = Output 1PRG, 2PRG, 3PRG, 2H1L1.

c = Power U, 117AC, 230AC.

d = Options -AO, -CE, -EUXXXX, -HS.

e = Housing (DIN), (EXULD), (EXTULD), (EXXULD), (FLD), (TCED).

**SCX Signal Current Isolator. Model SCX/a/b/c/d/e**

NI / I / 2 / ABCD

a = Input 4-20MA, 10-50MA.

b = Output 4-20MA, 10-50MA.

c = Power 5.5VLP, 8.5VLP, 4.5VLP.

d = Options -CE, -DS, -NA, -RF, -RTB, -TROP, -WTD, -WTDP.

e = Housing (DN), (DIN), (ECD), (FL), (FLD), (HP), (HPD), (OTH),(TW), (WTD),

(WTDP), (WTH), (2HG) (F2HG)(S2HG), (2HS)(F2HS)(FM2HS)(S2HS),

(2LG)(F2LG)(FM2LG)(S2LG), (2LS)(F2LS)(FM2LS)(S2LS),

(3HG)(F3HG)(FM3HG)(S3HG), (3HS)(F3HS)(FM3HS)(S3HS),

(3LG)(F3LG)(FM3LG)(S3LG), (3LS)(F3LS)(FM3LS)(S3LS).

**Equipment Ratings:**

Nonincendive for Class 1, Division 2, Group A, B, C and D hazardous locations.



FM Approved for:

Moore Industries

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

|            |      |
|------------|------|
| Class 3600 | 1989 |
| Class 3611 | 1986 |
| Class 3810 | 1989 |

Original Project ID: 2D1A5.AX

Approval Granted: July 27, 1998

Subsequent Revision Reports / Date Approval Amended

| Report Number | Date | Report Number | Date |
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FM Approvals LLC

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Timothy Adam  
Technical Team Manager

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Date Issued