



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:

**Model/Input/output/Power/-Options [BHabcd]. Two-Wire Transmitters.**

XP / I / I / ABCD / T6 Ta = 60°C  
DIP / II, III / I / EFG / T6 Ta = 60°C; Type 4X, IP66  
ACX/0-150 V ac, 0-5 A/4-50 mA/12-42 dc/-EM, EZ, RF [BHabcd]  
ALX/4-50 mA/H1, L1, L2/6.3 VLP (4-20 mA), 7.0 VLP (10-50 mA)/-AD, LVDC, MR [BHabcd]  
DSX/4-20 mA/(-1999)-1999/1.0 VLP/-DZ, RO, S [BHabcd]  
DVX/4-50 mA/(-1999)-1999/2.5 VLP/-DZ, RF, RO [BHabcd]  
EPFDX/A-X/4-50 mA/12-42 dc/-CC, RF, S10, S30, S100 [BHabcd]  
FDY/F1, F2, P1, P2/4-20 mA/12-42 dc/-ISA, ISC, ISCN, ISE, ISF, NE [BHabcd]  
ITX/4-50 mA/(A4-A1), A-J/6.3-7 VLP/-CD"X", FR, LV, RF, S [BHabcd]  
LRX/PT1/1-5V/8-30V/-RF [BHabcd]  
MVX/5-1280MVFS, 0-50 mA, (-10)-150 V/4-50 mA/12-42 dc/-AT, DD, EZ, LSA, RF, RIB, SAA, UD [BHabcd]  
PSD/4-20MA/PRG/2.3VLP/-ISA, ISC, ISCN, ISE, ISF, NE [BHabcd]  
PTX/A, B, C/4-50 mA/12-42 dc/-ISB, ISC, ISF, RF, RO [BHabcd]  
RBX/(2-3)W, 0-1 K/4-50 mA/12-42 dc/-DT, EZ, ISB, ISC, ISF, LNP, RF, RO, SAA [BHabcd]  
RIY/R0-R15/4-20 mA/12-42 dc/-DD, ISA, ISC, ISCN, ISE, ISF, ND, NE [BHabcd]  
SCX/4-50 mA/4-50 mA/12-42 dc/-DD, ISA, ISC, ISCN, ISE, ISF, ND, NE [BHabcd]  
SDY/PRG, 0-10 V, 0-50 mA/4-20 mA/10-42 dc, 1-ISA, ISC, ISCN, ISE, ISF, NE [BHabcd]  
SIY/V, I/4-20MA/10-30DC/-R, ISF [BHabcd]  
TCX/E, J, K, R, S, T, 2-5, 5-10, 10-20, 20-50MVFS, /4-20MA, 10-50MA/12-42DC/-DD, EZ, LSA, RF [BHabcd]  
TDY/PRG/4-20 mA/10-42 dc, 1-ISA, ISC, ISCN, ISE, ISF, NE [BHabcd]  
TDZ/PRG/4-20MA/10-42DC/-ISA, ISC, ISCN, ISE, NE [BHabcd]  
TDZ2/TPRG, HLRPG, 2TPRG, C, B, E, J, K, N, R, S, T, MV, R1-R14, RO, POT/4-20MA/12-42DC/-VTB, VTD, FMEDA [BHabcd]  
TFZ/TPRG, C, B, E, J, K, N, R, S, T, MV, R1-R14, RO, POT/H1/9-30DC, 9-32DC, 9-24DC/-VTB, VTD [BHabcd]  
THZ2/TPRG, HLRPG, 2TPRG, C, B, E, J, K, N, R, S, T, MV, R1-R14, RO, POT/4-20MA/12-42DC/-VTB, VTD, FMEDA [BHabcd]  
TIY/E1-3, J1-2, K1-2, N1-2, R1, S1, T1-2, MV1-3/4-20 mA/12-42 dc/-DD, DDX, ISA, ISC, ISCN, ISE, ISF, ND, NE, NL, SP1-2, STC [BHabcd]  
TPZ/TPRG, C, B, E, J, K, N, R, S, T, MV, R1-R14, RO, POT/PA/9-30DC, 9-32DC, 9-24DC/-VTB, VTD [BHabcd]  
TRY/B, E, J, K, N, R, S, T, MV, R1-R23, RO/4-20MA/10-30DC/-R, ISF [BHabcd]  
a = Number of Conduit Entry Hubs 2 (Two-Hub Base) or 3 (Three-Hub Base).  
b = Type of Conduit Entry Threads M (Metric), N (1/2" NPT) or T (3/4" NPT).  
c = Type of Cover G(Glass) or S (Solid).  
d = Optional 2" Stainless Steel Pipe-Mount Hardware kit P.



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**BHabcd. Instrument Housing.**

XP / I / 1 / ABCD / T6 Ta = 60°C

DIP / II, III / 1 / EFG / T6 Ta = 60°C; Type 4X, IP66

a = Conduit hub 2 or 3.

b = Type of conduit entry threads M, N or T.

c = Cover type G or S.

d = Optional stainless steel pipe-mount hardware kit P.

**Equipment Ratings:**

The equipment is rated Explosionproof for Class I, Division 1, Groups A, B, C and D; Dust-Ignitionproof for Class II/III, Division 1 Groups E, F, and G, Hazardous (Classified) Locations, indoors and outdoors rated NEMA Type 4X and IP66.

**FM Approved for:**

Moore Industries International Inc.  
North Hills, CA 91343 USA



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

|                         |      |
|-------------------------|------|
| Class 3600              | 1998 |
| Class 3615              | 1989 |
| Class 3810              | 1989 |
| (Includes Supplement 1) | 1995 |
| ANSI/NEMA-250           | 1991 |
| IEC-529                 | 1989 |

Original Project ID: 3004239

Approval Granted: October 8, 1999

Subsequent Revision Reports / Date Approval Amended

| Report Number | Date              | Report Number | Date |
|---------------|-------------------|---------------|------|
| 3007739       | May 18, 2000      |               |      |
| 3012700       | November 26, 2001 |               |      |
| 091123        | December 17, 2009 |               |      |
| 110325        | April 19, 2011    |               |      |

FM Approvals LLC

  
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J. E. Marquedant

Group Manager, Electrical

19 April 2011  
Date