



Member of the FM Global Group

FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

a-b-c-d-e-fgh, Pressure Transducers.

XP / I / 1 / ABCD / T6 Ta=40°C; DIP / II,III / 1 / EFG / T6 Ta=40°C ; Type 4

- a = Model 210X, 310X, 210P or 310P.
- b = Series B, C or D.
- c = Pressure Range PC, PE, PG, PJ, PL, PN, PP, PR, PO, PT, PV, PX, PZ, RB, RD, WT, WV, WX, WZ, XB, XC, XD, XF, XH, XK, XM, XO, XQ, XS, XU, XW, XY, YA, UJ, UK, UL, UM, UN, UP, UQ, YG, YH, YJ, YK, YL, YM, YN or SZ.
- d = Pressure Type 2, 3, 4, 8, 9 or 10.
- e = Pressure Port FA, FC, FD, FF, FH, FJ, FL, FN, FO, LF, LG, LH, LP, LS, LT, NA or blank
- f = Pressure cavity material options GK, GP, or HX.
- g = Electronic output GB, GS, HF, HN, MA, or MB.
- h = Options CZ, GE, GG, GH, GL, GX, HL, ME or MH.

a-b-c-d-AA-e-fghijklmn, Pressure Transducers.

XP / I / 1 / ABCD / T6 Ta=40°C; DIP / II,III / 1 / EFG / T6 Ta=40°C; Type 4

- a = Model 111X, 211X, 311X, 411X, 111P, 211P, 311P or 411P.
- b = Series A, B, C or D.
- c = Pressure Range 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, SK, XM, XO, XQ, XS, XU, XW, XY, YA, UJ, UK, UL, UM, UN, UP, UQ, UR, US, UT, UV, UX, UY, UZ, VA, VB, VC, VD, VE, VF, UA, UH, UB, UC, UD, UE, YG, YH, YJ, YK, YL, YM, YN, YO, YP, YR, YS, YT, YU, YV, YW, YX, YY, YZ, TA, TC, JK, TG, TJ, TL, TN, TP, TR, TT, SZ
- d = Pressure Type 2, 3, 4, 6, 8, 9 or 10.
- e = Pressure Port FA, FC, FD, FF, FH, FJ, FL, FM, FN, FO, IC, ID, LC, LF, LG, LH, LP, LS, LT, LU, LX, LY, NA or blank.
- f = Pressure cavity material options GK, GY, GP, HX or JP.
- g = Electronic output GB, GS, HF, HN, MA, NF or MB.
- h = Zero, span and ranging GJ, GR or MD.
- i = Circuit modifications HL, JJ or JS.
- j = Overload GD.
- k = Temperature compensation GE or GF.
- l = Final calibration GA, HE or GC.
- m = Shunt calibration signal GH GG or ME.
- n = Options CZ, GL, JA, JE, QF or QN.

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- a = Model 114X, 214X, 314X, 414X 114P, 214P, 314P or 414P.
- b = Series A, B, C or D.
- c = Pressure Range PZ, RB, RD, RE, RF, RH, RJ, RK, RM, RO, RR, RS, RT, RV, RX, RZ, SB, UP, UQ, UR, US, UT, UV, UX, UY, UZ, VA, VB, VC, VD, VE, VF, UA, YH, YJ, YK, YL, YM, YN, YO, YP, YR, YS, YT, YU, YV, YW, YY, SZ.
- d = Pressure Port FA, FD, FF, FL, FH, FJ, FK, FC, FN, LF, LR, FO, LP, LS, LT, LG, LH, NA, or blank.
- e = Pressure cavity material options GK, GP, GY, HX or JP.
- f = Electronic output GB, GS, MA, MB, HF, or HN.
- g = Options CZ, GA, GC, GE, GF, GG, GH, GJ, GL, GR, HE, HL, JA, JS, JV, MD, ME, MS, QE, QF or QN.

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- a = Model 115X, 215X, 315X, 415X, 115P, 215P, 315P or 415P.
- b = Series A, B, C or D.
- c = Pressure Range PT, PV, PX, PZ, RB, RD, RE, RF, RH, RJ, RK, RM, RO, RR, RS, RT, RV, RX, XW, XY, YA, UM, UN, UP, UQ, UR, US, UT, UV, UX, UY, UZ, VA, VB, VC, VD, YL, YM, YN, YO, YP, YR, YS, YT, YU, YV, YW, SZ.
- d = Pressure Port FA, FC, FD, FF, FH, FJ, FL, FN, FO, LF, LG, LH, LP, LS, LT, NA, HM or blank.
- e = Pressure cavity material options GK, GP or HX.
- f = Electronic output GB, GS, HF, HN, MA, or MB.
- g = Options CZ, GA, GC, GE, GF, GG, GH, GJ, GL, GR, GX, HE, HL, JA, JS, JV, MD, ME, MS, QE, QF or QN.

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- a = Model 117X, 217X, 317X, 417X, 117P, 217P, 317P or 417P.
- b = Series A, B, C or D.
- c = Pressure Range PV, PX, PZ, RB, RD, RE, RF, RH, RJ, RK, RM, RO, RR, RS, RT, RV, XY, YA, UN, UP, UQ, UR, US, UT, UV, UX, UY, UZ, VA, VB, VC, YM, YN, YO, YP, YR, YS, YT, YU, YV, YW or SZ.
- d = Pressure Type 3, 4, 6, 8, 9 or 10.
- e = Pressure Port FJ, FN, LT, LH or blank.
- f = Pressure cavity material options GK, GY, GP, HX, JP or HC.
- g = Electronic output GB, GS, HF, HN, MA, or MB.
- h = Options CZ, GA, GC, GE, GF, GG, GH, GJ, GL, GR, GX, HE, HL, JA, JG, JS, JV, MD, ME, QE, QF or QN.

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XP / I / 1 / ABCD / T6 Ta=40°C; DIP / II,III / 1 / EFG / T6 Ta=40°C ; Type 4

- a = Model 216X, 316X, 216P or 316P.
- b = Series B, C or D.
- c = Pressure Range PC, PE, PG, PJ, PL, PN, PP, PR, PO, PT, PV, PX, PZ, RB, RD, WT, WV, WX, WZ, XB, XC, XD, XF, XH, XK, XM, XO, XQ, XS, XU, XW, XY, YA, UJ, UK, UL, UM, UN, UP, UQ, YG, YH, YJ, YK, YL, YM, YN or SZ.
- d = Pressure Port FA, FC, FF, FH, FP, LA, LF, LG, LP, NA or blank
- e = Pressure cavity material options GK, GP, or HX.
- f = Electronic output GB, GS, HF, HN, MA, MB or MS.
- g = Options CZ, GE, GG, GH, GL, GX, HL, HZ, ME or MH.

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XP / I / 1 / ABCD / T6 Ta=40°C; DIP / II,III / 1 / EFG / T6 Ta=40°C; Type 4

- a = Model 130X, 230X, 330X, 430X, 130P, 230P, 330P or 430P.
- b = Pressure Range PO, PT, PV, PX, PZ, RB, RD, RE, RF, RH, RJ, RK, RM, RO, RR, RS, RT, RV, RX, RZ, SB, XU, XW, XY, YA, UL, UM, UN, UP, UQ, UR, US, UT, UV, UX, UY, UZ, VA, VB, VC, VD, VE, VF, UA, YK, YL, YM, YN, YO, YP, YR, YS, YT, YU, YV, YW, YX, YY, SZ



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- c = Pressure Type 3, 4, 6, 8, or 10.
- d = Pressure Port FG, FB, FX, FY, IA, IB, IE or blank.
- e = Pressure cavity material options GK, GP, GQ, JW, JM or QS.
- f = Electronic output GB, GS, MA, MB, HF, HN or QO.
- g = Other CZ, GC, GE, GG, GH, GJ, GN, GO, GR, GV, GW, GX, HD, HJ, HL, HU, JA, JV, JS, MD, ME, MU, QE, QF, QG, QJ or QN.

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XP / I / 1 / ABCD / T6 Ta=40°C; DIP / II,III / 1 / EFG / T6 Ta=40°C; Type 4

- a = Model 131X, 231X, 331X, 431X, 131P, 231P, 331P or 431P.
- b = Pressure Range PO, PT, PV, PX, PZ, RB, RD, RE, RF, RH, RJ, RK, RM, RO, RR, RS, RT, RV, RX, RZ, SB, XU, XW, XY, YA, UL, UM, UN, UP, UQ, UR, US, UT, UV, UX, UY, UZ, VA, VB, VC, VD, VE, VF, UA, YK, YL, YM, YN, YO, YP, YR, YS, YT, YU, YV, YW, YX, YY, SZ
- c = Pressure Type 3, 4, 6, 8, or 10.
- d = Pressure Port FG, FB, FX, FY, IA, IB or IE or blank.
- e = Pressure cavity material options GK, GP, GQ, JW, JM or QS.
- f = Electronic output GB, GS, MA, MB, HF, HN or QO.
- g = Other CZ, GC, GE, GG, GH, GJ, GN, GO, GR, GT, GV, GW, GX, HD, HJ, HL, HU, HS, HV, HY, JA, JV, JS, MD, ME, MU, MT, QE, QF, QG, QJ or QN.

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XP / I / 1 / ABCD / T6 Ta=40°C; DIP / II,III / 1 / EFG / T6 Ta=40°C; Type 4

- a = Model 280X, 380X, 280P or 380P.
- b = Series B, C or D.
- c = Pressure Range PC, PE, PG, PJ, PL, PN, PP, PR, PO, PT, PV, PX, PZ, RB, RD, RE, RF, RH, RJ, RK, RM, XB, XC, XD, XF, XH, XK, XM, XO, XQ, XS, XU, XW, XY, YA, UJ, UK, UL, UM, UN, UP, UQ, UR, US, UT, UV, YG, YH, YJ, YK, YL, YM, YN, YO, YP, YR, YS or SZ.
- d = Pressure Type 2, 3, 4, 6, 8, 9 or 10.
- e = Pressure Port FR, FS, FU, FV, FW, LV, LW or blank.
- f = Pressure cavity material options GK, GP or HX.
- g = Electronic output GB, GS, HF, HN, MA, or MB.
- h = Options CZ, GA, GE, GF, GG, GH, GJ, GX, MD, ME or MH.

Equipment Ratings:

The above listed Products are FM Approved as Explosionproof for Class I, Division 1, Groups A, B, C and D Hazardous(Classified) Locations and Dust Ignitionproof for Class II, III, Division 1, Groups E, F and G Hazardous(Classified) Locations; Indoors/Outdoors Type 4. The product is also FM Approved and marked as Factory Sealed conduit seal not required.

FM Approved for:

GP 50 New York Ltd.
2770 Long Road
Grand Island, NY14072

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

Class 3600	1998
Class 3615	2006
Class 3810	2005
Nema 250	2003

Original Project ID: 0V5A4.AE

Approval Granted: June 16, 1994

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3017974	August 7, 2003		
030428	January 12, 2004		
3023047	October 7, 2005		
060802	10/18/06		

FM Approvals LLC



George A. Smith
Assistant Vice President

10/18/06

Date