



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:

228aEbcDefghi. SPX Smart Pressure Transmitter

XP/II/1/ABCD/T5 Ta=85C, T6 Ta=60C

DIP/II,III/1/EFG/T5 Ta=85C, T6 Ta=60C; Type 4X*, IP67*

a = Accuracy 0, 1, or 2.

b = Pressure reference E, N, H, R, A, B, K, C, M, G, D, L, F, P, or S.

c = Process connection A, B, C, D, E, F, G, H, K, L, M, N, P, R, or S.

d = Cable length code (one digit alpha-numeric)

e = Wiring Connections 4 or 9.

f = Pressure units B, C, K, M, or P.

g = Pressure range code 10 through 32.

h = Hart communications A, B or C.

i = Option code (four digits alpha-numeric)

*If Pressure Range code is less than 14 and Pressure Reference Code (b = B, K, C, M or G) then Type 4X and IP67 ratings are not included.

229aEbcdefghCiZZj. SPX Smart Pressure Transmitter

XP/II/1/ABCD/T5 Ta=85C, T6 Ta=60C

DIP/II,III/1/EFG/T5 Ta=85C, T6 Ta=60C; Type 4X, IP67

a = Mounting configuration 0, 1, or 2.

b = Process diaphragm material (one digit alpha-numeric).

c = Process connection code (two digits alpha-numeric).

d = Pressure units B, C, K, M, or P.

e = Pressure range 08 through 23.

f = Rigid snout length code (two digits alpha-numeric).

g = Flex length code (two digits alpha-numeric).

h = Hart communications A, B or C.

i = Cable length code (one digit alpha-numeric).

j = Option codes (four digits alpha-numeric).



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2241EabcdefgChZZi. SPX Smart Pressure Transmitter

XP//1/ABCD/T5 Ta=85C, T6 Ta=60C

DIP//II,III/1/EFG/T5 Ta=85C, T6 Ta=60C; Type 4X, IP67

a = Process diaphragm material (one digit alpha-numeric).

b = Process connection code (two digits alpha-numeric).

c = Pressure units B, C, K, M, or P.

d = Pressure range 08 through 23

e = Rigid snout length code (two digits alpha-numeric).

f = Flex length code (two digits alpha-numeric).

g = Hart communications A, B or C.

h = Cable length code (one digit alpha-numeric).

i = Option codes (four digits alpha-numeric).

2242EabcdefgChZZi. SPX Smart Pressure Transmitter

XP//1/ABCD/T5 Ta=85C, T6 Ta=60C

DIP//II,III/1/EFG/T5 Ta=85C, T6 Ta=60C; Type 4X, IP67

a = Process diaphragm material (one digit alpha-numeric).

b = Process connection code (two digits alpha-numeric).

c = Pressure units B, C, K, M, or P.

d = Pressure range 08 through 27

e = Rigid snout length code (two digits alpha-numeric).

f = Flex length code (two digits alpha-numeric).

g = Hart communications A, B or C.

h = Cable length code (one digit alpha-numeric).

i = Option codes (four digits alpha-numeric).

2243EabcdefgChZZi. SPX Smart Pressure Transmitter

XP//1/ABCD/T5 Ta=85C, T6 Ta=60C

DIP//II,III/1/EFG/T5 Ta=85C, T6 Ta=60C; Type 4X, IP67

a = Process diaphragm material (one digit alpha-numeric).

b = Process connection code (two digits alpha-numeric).

c = Pressure units B, C, K, M, or P.

d = Pressure range 08 through 27

e = Rigid snout length code (two digits alpha-numeric).

f = Flex length code (two digits alpha-numeric).

g = Hart communications A, B or C.

h = Cable length code (one digit alpha-numeric).

i = Option codes (four digits alpha-numeric).

2244EabcdefgChZZi. SPX Smart Pressure Transmitter

XP//1/ABCD/T5 Ta=85C, T6 Ta=60C

DIP//II,III/1/EFG/T5 Ta=85C, T6 Ta=60C; Type 4X, IP67

a = Process diaphragm material (one digit alpha-numeric).

b = Process connection code (two digits alpha-numeric).

c = Pressure units B, C, K, M, or P.

d = Pressure range 08 through 23

e = Rigid snout length code (two digits alpha-numeric).

f = Flex length code (two digits alpha-numeric).

g = Hart communications A, B or C.

h = Cable length code (one digit alpha-numeric).

i = Option codes (four digits alpha-numeric).

538aEbcCdefghi. SPX Smart Pressure Transmitter

XP/II/1/ABCD/T5 Ta=85C, T6 Ta=60C

DIP/II,III/1/EFG/T5 Ta=85C, T6 Ta=60C; Type 4X*, IP67*

a = Accuracy 0, 1, or 2.

b = Pressure reference E, N, H, R, A, B, K, C, M, G, D, L, F, P, or S.

c = Process connection A, B, C, D, E, F, G, H, K, L, M, N, P, R, or S.

d = Cable length code (one digit alpha-numeric)

e = Wiring Connections 4 or 9.

f = Pressure units B, C, K, M, or P.

g = Pressure range code 10 through 32.

h = Hart communications A, B or C.

i = Option code (four digits alpha-numeric)

*If Pressure Range code is less than 14 and Pressure Reference Code (b = B, K, C, M or G) then Type 4X and IP67 ratings are not included.

539aEbcdefghCiZZj. SPX Smart Pressure Transmitter

XP/II/1/ABCD/T5 Ta=85C, T6 Ta=60C

DIP/II,III/1/EFG/T5 Ta=85C, T6 Ta=60C; Type 4X, IP67

a = Mounting configuration 0, 1, or 2.

b = Process diaphragm material (one digit alpha-numeric).

c = Process connection code (two digits alpha-numeric).

d = Pressure units B, C, K, M, or P.

e = Pressure range 08 through 23.

f = Rigid snout length code (two digits alpha-numeric).

g = Flex length code (two digits alpha-numeric).

h = Hart communications A, B or C.

i = Cable length code (one digit alpha-numeric).

j = Option codes (four digits alpha-numeric).

5341EabcdcfghChZZi. SPX Smart Pressure Transmitter

XP/II/1/ABCD/T5 Ta=85C, T6 Ta=60C

DIP/II,III/1/EFG/T5 Ta=85C, T6 Ta=60C; Type 4X, IP67

a = Process diaphragm material (one digit alpha-numeric).

b = Process connection code (two digits alpha-numeric).

c = Pressure units B, C, K, M, or P.

d = Pressure range 08 through 23

e = Rigid snout length code (two digits alpha-numeric).

f = Flex length code (two digits alpha-numeric).

g = Hart communications A, B or C.

h = Cable length code (one digit alpha-numeric).

i = Option codes (four digits alpha-numeric).



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5342EabcdefgChZZi. SPX Smart Pressure Transmitter

XP/II/1/ABCD/T5 Ta=85C, T6 Ta=60C

DIP/II,III/1/EFG/T5 Ta=85C, T6 Ta=60C; Type 4X, IP67

a = Process diaphragm material (one digit alpha-numeric).

b = Process connection code (two digits alpha-numeric).

c = Pressure units B, C, K, M, or P.

d = Pressure range 08 through 27

e = Rigid snout length code (two digits alpha-numeric).

f = Flex length code (two digits alpha-numeric).

g = Hart communications A, B or C.

h = Cable length code (one digit alpha-numeric).

i = Option codes (four digits alpha-numeric).

5343EabcdefgChZZi. SPX Smart Pressure Transmitter

XP/II/1/ABCD/T5 Ta=85C, T6 Ta=60C

DIP/II,III/1/EFG/T5 Ta=85C, T6 Ta=60C; Type 4X, IP67

a = Process diaphragm material (one digit alpha-numeric).

b = Process connection code (two digits alpha-numeric).

c = Pressure units B, C, K, M, or P.

d = Pressure range 08 through 27

e = Rigid snout length code (two digits alpha-numeric).

f = Flex length code (two digits alpha-numeric).

g = Hart communications A, B or C.

h = Cable length code (one digit alpha-numeric).

i = Option codes (four digits alpha-numeric).

5344EabcdefgChZZi. SPX Smart Pressure Transmitter

XP/II/1/ABCD/T5 Ta=85C, T6 Ta=60C

DIP/II,III/1/EFG/T5 Ta=85C, T6 Ta=60C; Type 4X, IP67

a = Process diaphragm material (one digit alpha-numeric).

b = Process connection code (two digits alpha-numeric).

c = Pressure units B, C, K, M, or P.

d = Pressure range 08 through 23

e = Rigid snout length code (two digits alpha-numeric).

f = Flex length code (two digits alpha-numeric).

g = Hart communications A, B or C.

h = Cable length code (one digit alpha-numeric).

i = Option codes (four digits alpha-numeric).

Equipment Ratings:

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; indoor/outdoor (Type 4X, IP67).

FM Approved for:

Dynisco Inc.
38 Forge Parkway, Franklin, MA 02038



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
IEC 60529	2004
ANSI/NEMA 250	1991

Original Project ID: 3018521

Approval Granted: July 22, 2004

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
081218	January 20, 2009		
3039264	<i>September 29, 2010</i>		

FM Approvals LLC

J.E. Marquedant
Group Manager, Electrical

29 September 2010
Date