



420-0004-209		Sht. 1 of 5	APP'D BY SGA
ISSUE	EDO NO.	APP'D	DATE
5	11-07-108	THP	11/20/07
6	10-09-108	THP	10/23/07

Certificate of Compliance

Certificate: 1428314

Master Contract: 150916

Project: 2168244

Date Issued: 2009/10/22

Issued to: AMETEK Drexelbrook

205 Keith Valley Rd
Horsham, PA 19044
USA

Attention: Steve G. Arnold

The products listed below are eligible to bear the CSA Mark shown



Issued by: Matthew Brock

Authorized Patricia Pasemko, Operations
by: Manager

PRODUCTS

CLASS 2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non -
Incendive Systems - For Hazardous Locations

Class I, Groups A, B, C, D; Class II, Groups E, F, G; Class III; Type 4, 4X, IP66; T5 for Ta = 70°C

Class I, Division 2, Groups A, B, C, D; Class II, Division 2, Groups F, G; Class III; Type 4, 4X, IP66; T5
for Ta = 70°C

- PaLb-cde-f. ThePoint RF Level Transmitter with Remote sensing element; with Associated Intrinsically Safe Outputs (see Note 1) to sensing element in accordance with manufacturer's control drawing 420-0004-185-CD. Electrical ratings 18-200 Vdc or 19-250 Vac, 50-60 Hz, 2 W; MWP 1500 psi; Dual Seal (for Seal Option suffix 8 and C only).

a = Electronics options: G, H, L, M, N, P, T or V

b = Output Option: 1 or 2

c = Seal Option: 4, 8 or C



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d = Cable: 1 through 9, A through K

e = Sensing element and cable: 00 through 04, 06, 07, 09 through 20, 31 through 35,
50 through 53, 55, 60 through 62 or ZZ (see Note 2)

f = Mounting Type: 4 digit alphanumeric code.

Note 1: Sensing element rated for Class I, II, and III, Division 1, Groups A - G. T5 for Ta = 70°C

Note 2: Additional sensing elements permitted for c=ZZ are shown on sheet 7 of Drawing No. 420-0004-185-CD

Class I, Groups B, C, D; Class II, Groups E, F, G; Class III; Type 4, 4X, IP66; T5 for Ta = 70°C

Class I, Division 2, Groups A, B, C, D; Class II, Division 2, Groups F, G; Class III; Type 4, 4X, IP66; T5 for Ta = 70°C

- **PaLb-c0d-e.** ThePoint RF Level Transmitter with Integral sensing element; with Associated Intrinsically Safe Outputs (see Note 1) to sensing element in accordance with manufacturer's control drawing 420-0004-185-CD. Electrical ratings 18-200 Vdc or 19-250 Vac, 50-60 Hz, 2 W; MWP 1500 psi; Dual Seal (for Seal Option suffix 7 and A only).

a = Electronics options: G, H, L, M, N, P, T or V

b = Output Option: 1 or 2

c = Seal Option: 4, 7 or A

d = sensing element; 00 through 03

e = Mounting Type; 4 digit alphanumeric code.

Note 1: Sensing element rated for Class I, II, and III, Division 1, Groups A, B, C, D, E, F, and G. T5 for Ta = 70°C

APPLICABLE REQUIREMENTS

CAN/CSA Std. C22.2 No. 0-M91 - General Requirements - Canadian Electrical Code, Part II

[Reaffirmed 2001]

CSA Std. C22.2 No. 0.4-04 - Bonding and Grounding of Electrical Equipment

[Reaffirmed 2004]

CSA Std. C22.2 No. 0.5-1982 - Threaded Conduit Entries



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[Reaffirmed 2003]

CSA Std. C22.2 No. 25-1966 - Enclosures for use in Class II Hazardous Locations

[Reaffirmed 2004]

CSA Std. C22.2 No. 30-1986 - Explosionproof Enclosures for Class I

[Reaffirmed 2007]

CAN/CSA-C22.2 No. 94-M91 - Special Purpose Enclosures

[Reaffirmed 2006]

CSA Std. C22.2 No. 142-M1987 - Process Control Equipment

[Reaffirmed 2004]

CSA Std. C22.2 No. 157-92 - Intrinsically Safe Equipment

[Reaffirmed 2006]

CSA Std. C22.2 No. 213-M1987 - Nonincendive Equipment

[Reaffirmed 1999]

ANSI/ISA-12.27.01-2003 - Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids

MARKINGS

- CSA Monogram;
- Company name;
- Model number;
- Serial number;
- Electrical rating;
- Hazardous locations designation;
- Special purpose enclosure designation, "TYPE 4X";
- Temperature Code and maximum ambient;
- "A seal shall be installed within 50 mm of the enclosure"
- "WARNING – Keep cover tight while circuits are alive."



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- Maximum Working Pressure rating (i.e. "MWP 1500 psi")
 - Where the dual seal option is installed, the words: "DUAL SEAL"

Markings are per drawings 270-0101-761 and 270-0101-762. The markings are applied to a 0.020" thick aluminum plate that is attached to the transmitter housing with fasteners. This was considered to be legible and durable.



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Supplement to Certificate of Compliance

Certificate: 1428314

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The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
2168244	2009/10/22	Update report 1428314 to include Dual Seal rating and new construction per FM Reports 3033067 & 3036567.
1975883	2007/11/07	Update Report 1428314 for revised drawings
1942180	2007/08/08	Update Report 1428314 for revised drawings
1877634	2007/02/05	Update Report 1428314 to add additional options
1568874	2004/06/25	Update to Report 1428314 to add new model variations.

History

1428314	2003/05/20	Original Certification of ThePoint Level Transmitter as explosionproof with I.S. output.
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