

CERTIFICATE OF CONFORMITY

1. HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

2. **Certificate No:** FM17CA0154X
3. **Equipment:** EE300Ex-series
(Type Reference and Name) Humidity and Temperature Transmitter
4. **Name of Listing Company:** E+E ELEKTRONIK Ges.m.b.H
5. **Address of Listing Company:** Langwiesen 7, Engerwitzdorf 4209, Austria

6. The examination and test results are recorded in confidential report number:

3049300 dated 2nd October 2017

7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval standards and other documents:

CSA C22.2 No. 213:2015, CSA C22.2 No. 60079-0:2015, CSA C22.2 No. 60079-11:2014 (R2023),
CSA C22.2 No. 60529:2005 (R2010), CSA C22.2 No. 61010-1:2012

8. If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to specific conditions of use specified in the schedule to this certificate.

9. This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.

10. **Equipment Ratings:**

See Annex

11. **The marking of the equipment shall include:**

See Annex

12. **Description of Equipment:**

General - The EE300Ex transmitter is designed for gauge measurements of temperature and humidity in air. All signal outputs are available on two 4 to 20 mA analog outputs.

Certificate issued by:



J.E. Marquedant
VP, Manager - Electrical Systems

5 January 2026

Date

To verify the availability of the Approved product, please refer to www.approvalguide.com

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

FM Approvals LLC. One Technology Way, Norwood, MA 02062 USA

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Construction - The EE300Ex transmitter consists of a single compartment electronics housing. The enclosure is of stainless steel and has an integrated or remote humidity and/or temperature sensor. The EE300Ex transmitter is designed for use with the Product Configuration Adapter (PCA) and Connection cable (HA011068) in non-hazardous locations for software configuration.

Ratings - The EE300Ex transmitter operates at 6.4-28 Vdc (700mW). The transmitters are rated for use in an ambient temperature range of -40°C to +60°C. The transmitter probe is rated for use in a process temperature range of -70°C to +200°C.

See Annex for product specific details.

13. Specific Conditions of Use:

See Annex

14. Test and Assessment Procedure and Conditions:

This Certificate has been issued in accordance with FM Approvals Canadian Certification Scheme.

15. Schedule Drawings

A copy of the technical documentation has been kept by FM Approvals.

16. Certificate History

Details of the supplements to this certificate are described below:

Date	Description
2 October 2017	Original Issue.
30 November 2017	<u>Supplement 2:</u> Report Reference: – RR211141 dated 30 November 2017. Description of the Change: Updated standard editions to the latest revisions, added options for electrical connections, added option for probe fitting and converted certificate to new format.
17 September 2019	<u>Supplement 3:</u> Report Reference: – RR219895 17 September 2019. Description of the Change: Change to model code structure, manual format, new model code for configuration connection cable and optional gasket for 300bar probe construction.

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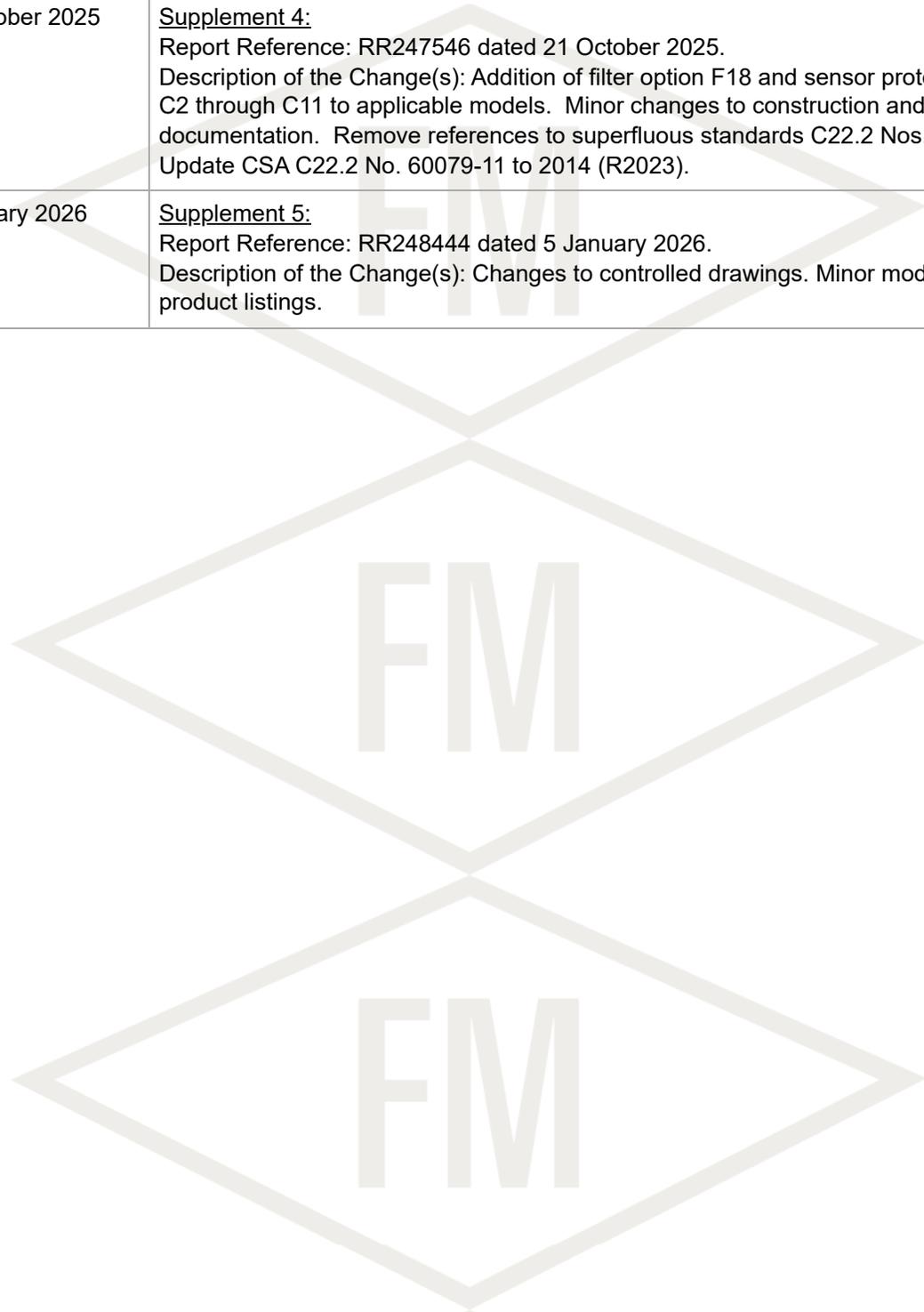
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Date	Description
21 October 2025	<u>Supplement 4:</u> Report Reference: RR247546 dated 21 October 2025. Description of the Change(s): Addition of filter option F18 and sensor protection options C2 through C11 to applicable models. Minor changes to construction and documentation. Remove references to superfluous standards C22.2 Nos. 0, 142, 157. Update CSA C22.2 No. 60079-11 to 2014 (R2023).
5 January 2026	<u>Supplement 5:</u> Report Reference: RR248444 dated 5 January 2026. Description of the Change(s): Changes to controlled drawings. Minor modifications to product listings.



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Canadian Certificate of Conformity No: FM17CA0154X

ANNEX

EE300EX-M1A6HS2T1D0aK0L50PA0bcEX9d Transmitter without Display

Equipment Ratings:

Intrinsically Safe for Class I, II, III Division 1, Groups A, B, C, D, E, F, and G in accordance with drawing M1_1309080
Nonincendive for Class I, II, III Division 2, Groups A, B, C, D, E, F, and G
Intrinsically Safe for Class I, Zone 0, Group IIC in accordance with drawing M1_1309080
Intrinsically Safe for Class II and III, Zone 20, Group IIIC in accordance with drawing M1_1309080
IP65 with an ambient temperature rating of -40°C to +60°C.

Markings:

Class I, II, III, Division 1, Groups A, B, C, D, E, F and G; T4 Ta = -40°C to +60°C; Entity – M1_1309080; IP65
Class I, II, III, Division 2, Groups A, B, C, D, E, F and G; T4 Ta = -40°C to +60°C
Zone 0, Ex ia IIC T4 Ta = -40°C to +60°C Ga; Entity – M1_1309080; IP65
Zone 20, Ex ia IIIC T131°C Ta = -40°C to +60°C Da; Entity – M1_1309080; IP65

Description of Equipment:

Model Code:

a = Electrical Connection; E2, E13, E15, E17, E18, E19, E20, E21, E22 or E32
b = Filter; F2, F4, F5, F9, F10, F11, F12, F13 or F18
c = Sensor Protection; C0, C1, C2, C3, C4, C5, C6, C7, C8, C9, C10 or C11
d = Software Code: 22 to 44 Digits (Not Safety Relevant)

Entity parameters:

Terminals	Vmax or Ui	I _{max} or I _i	Pi	Li	Ci
CH 1: + and -	6.4Vdc ≤ Ui ≤ 28Vdc	100mA	0.7W	0mH	2.2nF
CH 2: + and -	6.4Vdc ≤ Ui ≤ 28Vdc	100mA	0.7W	0mH	2.2nF

Specific Conditions of Use:

- 1) Filter options F2, F5, F10, F11 and F12 are not allowed in Groups A or B for Division 1 and EPL Ga IIC for Zone 0.
- 2) The serial software configuration port of the EE300EX may only be used with the Product Configuration Adapter (PCA) and Connection cable (HA011068).

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EE300EX- M1A6HS2aD0bcdefgEX9h Transmitter+Probe without Display

Equipment Ratings:

Transmitter:

Intrinsically Safe for Class I, II, III Division 1, Groups A, B, C, D, E, F, and G in accordance with drawing M1_1309080
Nonincendive for Class I, II, III Division 2, Groups A, B, C, D, E, F, and G
Intrinsically Safe for Class I, Zone 0, Group IIC in accordance with drawing M1_1309080
Intrinsically Safe for Class II and III, Zone 20, Group IIIC in accordance with drawing M1_1309080
IP65 with an ambient temperature rating of -40°C to +60°C

Remote Probe:

Intrinsically Safe for Class I, II, III Division 1, Groups A, B, C, D, E, F, and G in accordance with drawing M1_1309080
Nonincendive for Class I, II, III Division 2, Groups A, B, C, D, E, F, and G
Intrinsically Safe for Class I, Zone 0, Group IIC in accordance with drawing M1_1309080
Intrinsically Safe for Class II and III, Zone 20, Group IIIC in accordance with drawing M1_1309080
IP65 with an ambient temperature rating of -40°C to +180°C

Markings:

Transmitter:

Class I, II, III, Division 1, Groups A, B, C, D, E, F and G; T4 Ta = -40°C to +60°C; Entity – M1_1309080; IP65
Class I, II, III, Division 2, Groups A, B, C, D, E, F and G; T4 Ta = -40°C to +60°C
Zone 0, Ex ia IIC T4 Ta = -40°C to +60°C Ga; Entity – M1_1309080; IP65
Zone 20, Ex ia IIIC T131°C Ta = -40°C to +60°C Da; Entity – M1_1309080; IP65

Remote Probe:

Class I, II, III, Division 1, Groups A, B, C, D, E, F and G; T6...T1; Entity – M1_1309080; IP65
Class I, II, III, Division 2, Groups A, B, C, D, E, F and G; T6...T1
Zone 0, Ex ia IIC T6...T1 Ga; Entity – M1_1309080; IP65
Zone 20, Ex ia IIIC T80°C Da; Entity – M1_1309080; IP65

Description of Equipment:

Model Code:

a = Model; T7, T9, T10, T15 or T22
b = Electrical Connection; E2, E13, E15, E17, E18, E19, E20, E21, E22 or E32
c = Probe – Cable Length; K0.2, K0.5, K1, K2, K3, K5 or K10
d = Probe Length; L65, L100, L200, L300, L400, L600; L800 or L1000
e = Zone Feedthrough (probe fitting): PA0, PA20, PA21, PA22, PA28, PA23 or PA25
f = Filter; F2, F4, F5, F9, F10, F11, F12, F13 or F18
g = Sensor Protection; C0, C1, C2, C3, C4, C5, C6, C7, C8, C9, C10 or C11
h = Software Code: 22 to 44 Digits (Not Safety Relevant)

Entity parameters:

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Terminals	Vmax or Ui	I _{max} or I _i	P _i	Li	Ci
CH 1: + and -	6.4Vdc ≤ Ui ≤ 28Vdc	100mA	0.7W	0mH	2.2nF
CH 2: + and -	6.4Vdc ≤ Ui ≤ 28Vdc	100mA	0.7W	0mH	2.2nF

Remote probe Temperature Classification:

T-Code	Ambient Temperature
T6	-40°C < Ta < 60°C
T5	-40°C < Ta < 75°C
T4	-40°C < Ta < 110°C
T3	-40°C < Ta < 175°C
T2	-40°C < Ta < 180°C
T1	-40°C < Ta < 180°C

Specific Conditions of Use:

- 1) Filter options F2, F5, F10, F11 and F12 are not allowed in Groups A or B for Division 1 and EPL Ga IIC for Zone 0.
- 2) The EE300Ex Remote Probe is approved for in air applications only.
- 3) The serial software configuration port of the EE300EX may only be used with the Product Configuration Adapter (PCA) and Connection cable (HA011068).

EE300EX- M3A6HS2T1D0aK0L70PA0EX9b Transmitter without Display

Equipment Ratings:

Intrinsically Safe for Class I, II, III Division 1, Groups A, B, C, D, E, F, and G in accordance with drawing M1_1309080
Nonincendive for Class I, II, III Division 2, Groups A, B, C, D, E, F, and G
Intrinsically Safe for Class I, Zone 0, Group IIC in accordance with drawing M1_1309080
Intrinsically Safe for Class II and III, Zone 20, Group IIIC in accordance with drawing M1_1309080
IP65 with an ambient temperature rating of -40°C to +60°C.

Markings:

Class I, II, III, Division 1, Groups A, B, C, D, E, F and G; T4 Ta = -40°C to +60°C; Entity – M1_1309080; IP65

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Class I, II, III, Division 2, Groups A, B, C, D, E, F and G; T4 Ta = -40°C to +60°C
Zone 0, Ex ia IIC T4 Ta = -40°C to +60°C Ga; Entity – M1_1309080; IP65
Zone 20, Ex ia IIIC T131°C Ta = -40°C to +60°C Da; Entity – M1_1309080; IP65

Description of Equipment:

Model Code:

a = Electrical Connection; E2, E13, E15, E17, E18, E19, E20, E21, E22 or E32

b = Software Code: 7 to 10 Digits (Not Safety Relevant)

Entity parameters:

Terminals	Vmax or Ui	I _{max} or I _i	P _i	Li	Ci
CH 1: + and -	6.4Vdc ≤ Ui ≤ 28Vdc	100mA	0.7W	0mH	2.2nF
CH 2: + and -	6.4Vdc ≤ Ui ≤ 28Vdc	100mA	0.7W	0mH	2.2nF

Specific Conditions of Use:

1) The serial software configuration port of the EE300EX may only be used with the Product Configuration Adapter (PCA) and Connection cable (HA011068).

EE300EX-M3A6HS2aD0bcdeEX9f Transmitter+Probe without Display

Equipment Ratings:

Transmitter:

Intrinsically Safe for Class I, II, III Division 1, Groups A, B, C, D, E, F, and G in accordance with drawing M1_1309080

Nonincendive for Class I, II, III Division 2, Groups A, B, C, D, E, F, and G

Intrinsically Safe for Class I, Zone 0, Group IIC in accordance with drawing M1_1309080

Intrinsically Safe for Class II and III, Zone 20, Group IIIC in accordance with drawing M1_1309080

IP65 with an ambient temperature rating of -40°C to +60°C.

Remote Probe:

Intrinsically Safe for Class I, II, III Division 1, Groups A, B, C, D, E, F, and G in accordance with drawing M1_1309080

Nonincendive for Class I, II, III Division 2, Groups A, B, C, D, E, F, and G

Intrinsically Safe for Class I, Zone 0, Group IIC in accordance with drawing M1_1309080

Intrinsically Safe for Class II and III, Zone 20, Group IIIC in accordance with drawing M1_1309080

IP65 with an ambient temperature rating of -70°C to +200°C.

Markings:

Transmitter:

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Class I, II, III, Division 1, Groups A, B, C, D, E, F and G; T4 Ta = -40°C to +60°C; Entity – M1_1309080; IP65

Class I, II, III, Division 2, Groups A, B, C, D, E, F and G; T4 Ta = -40°C to +60°C

Zone 0, Ex ia IIC T4 Ta = -40°C to +60°C Ga; Entity – M1_1309080; IP65

Zone 20, Ex ia IIIC T131°C Ta = -40°C to +60°C Da; Entity – M1_1309080; IP65

Remote Probe:

Class I, II, III, Division 1, Groups A, B, C, D, E, F and G; T6...T1; Entity – M1_1309080; IP65

Class I, II, III, Division 2, Groups A, B, C, D, E, F and G; T6...T1

Zone 0, Ex ia IIC T6...T1 Ga; Entity – M1_1309080; IP65

Zone 20, Ex ia IIIC T80°C Da; Entity – M1_1309080; IP65

Description of Equipment:

Model Code:

a = Model; T24

b = Electrical Connection; E2, E13, E15, E17, E18, E19, E20, E21, E22 or E32

c = Probe – Cable Length; K0.2, K0.5, K1, K2, K3, K5 or K10

d = Probe length; L150

e = Zone Feedthrough (probe fitting): PA0, PA26 or PA27

f = Software Code: 7 to 10 Digits (Not Safety Relevant)

Entity parameters:

Terminals	Vmax or Ui	Imax or Ii	Pi	Li	Ci
CH 1: + and -	$6.4\text{Vdc} \leq U_i \leq 28\text{Vdc}$	100mA	0.7W	0mH	2.2nF
CH 2: + and -	$6.4\text{Vdc} \leq U_i \leq 28\text{Vdc}$	100mA	0.7W	0mH	2.2nF

Remote probe Temperature Classification:

T-Code	Ambient Temperature
T6	$-70^\circ\text{C} < T_a < 60^\circ\text{C}$
T5	$-70^\circ\text{C} < T_a < 75^\circ\text{C}$
T4	$-70^\circ\text{C} < T_a < 110^\circ\text{C}$
T3	$-70^\circ\text{C} < T_a < 175^\circ\text{C}$
T2	$-70^\circ\text{C} < T_a < 200^\circ\text{C}$
T1	$-70^\circ\text{C} < T_a < 200^\circ\text{C}$

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Specific Conditions of Use:

- 1) The EE300Ex Remote Probe is approved for in air applications only.
- 2) The serial software configuration port of the EE300EX may only be used with the Product Configuration Adapter (PCA) and Connection cable (HA011068).

EE300EX-M1A6HS2T1D1aK0L50PA0bcEX9d Transmitter with Display

Equipment Ratings:

Intrinsically Safe for Class I, Division 1, Groups C and D in accordance with drawing M1_1309080
Intrinsically Safe for Class I, Division 2, Groups A, B, C and D in accordance with drawing M1_1309080
Nonincendive for Class I, Division 2, Groups A, B, C, D
Intrinsically Safe for Class I, Zone 0, Group IIB in accordance with drawing M1_1309080
Intrinsically Safe for Class I, Zone 1, Group IIC in accordance with drawing M1_1309080
With an ambient temperature rating of -40°C to +60°C.

Markings:

Class I, Division 1, Groups C, and D; T4 Ta = -40°C to +60°C; Entity – M1_1309080
Class I, Division 2, Groups A, B, C and D; T4 Ta = -40°C to +60°C; Entity – M1_1309080
Zone 0, Ex ia IIB T4 Ta = -40°C to +60°C Ga; Entity – M1_1309080
Zone 1, Ex ia IIC T4 Ta = -40°C to +60°C Gb; Entity – M1_1309080

Description of Equipment:

Model Code:

a = Electrical Connection; E2, E13, E15, E17, E18, E19, E20, E21, E22 or E32

b = Filter; F2, F4, F5, F9, F10, F11, F12, F13 or F18

c = Sensor Protection; C0, C1, C2, C3, C4, C5, C6, C7, C8, C9, C10 or C11

d = Software Code: 22 to 44 Digits (Not Safety Relevant)

Entity parameters:

Terminals	Vmax or Ui	Imax or Ii	Pi	Li	Ci
CH 1: + and -	6.4Vdc ≤ Ui ≤ 28Vdc	100mA	0.7W	0mH	2.2nF
CH 2: + and -	6.4Vdc ≤ Ui ≤ 28Vdc	100mA	0.7W	0mH	2.2nF

Specific Conditions of Use:

- 1) The serial software configuration port of the EE300EX may only be used with the Product Configuration Adapter (PCA) and Connection cable (HA011068).

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EE300EX-M1A6HS2aD1bcdefgEX9h Transmitter+Probe with Display

Equipment Ratings:

Transmitter:

Intrinsically Safe for Class I, Division 1, Groups C and D in accordance with drawing M1_1309080
Intrinsically Safe for Class I, Division 2, Groups A, B, C and D in accordance with drawing M1_13090
Nonincendive for Class I, Division 2, Groups A, B, C and D
Intrinsically Safe for Class I, Zone 0, Group IIB in accordance with drawing M1_1309080
Intrinsically Safe for Class I, Zone 1, Group IIC in accordance with drawing M1_1309080
With an ambient temperature rating of -40°C to +60°C.

Remote Probe:

Intrinsically Safe for Class I, II, III Division 1, Groups A, B, C, D, E, F, and G in accordance with drawing M1_1309080
Nonincendive for Class I, II, III Division 2, Groups A, B, C, D, E, F, and G
Intrinsically Safe for Class I, Zone 0, Group IIC in accordance with drawing M1_1309080
Intrinsically Safe for Class II and III, Zone 20, Group IIIC in accordance with drawing M1_1309080
IP65 with an ambient temperature rating of -40°C to +180°C.

Markings:

Transmitter:

Class I, Division 1, Groups C, and D; T4 Ta = -40°C to +60°C; Entity – M1_1309080
Class I, Division 2, Groups A, B, C and D; T4 Ta = -40°C to +60°C; Entity – M1_1309080
Zone 0, Ex ia IIB T4 Ta = -40°C to +60°C Ga; Entity – M1_1309080
Zone 1, Ex ia IIC T4 Ta = -40°C to +60°C Gb; Entity – M1_1309080

Remote Probe:

Class I, II, III, Division 1, Groups A, B, C, D, E, F and G; T6...T1; Entity – M1_1309080; IP65
Class I, II, III, Division 2, Groups A, B, C, D, E, F and G; T6...T1
Zone 0, Ex ia IIC T6...T1 Ga; Entity – M1_1309080; IP65
Zone 20, Ex ia IIIC T80°C Da; Entity – M1_1309080; IP65

Description of Equipment:

Model Code:

a = Model; T7, T9, T10, T15 or T22
b = Electrical Connection; E2, E13, E15, E17, E18, E19, E20, E21, E22 or E32
c = Probe – Cable Length; K0.2, K0.5, K1, K2, K3, K5 or K10
d = Probe Length; L65, L100, L200, L300, L400, L600; L800 or L1000
e = Zone Feedthrough (probe fitting): PA0, PA20, PA21, PA22, PA28, PA23 or PA25
f = Filter; F2, F4, F5, F9, F10, F11, F12 or F13
g = Sensor Protection; C0, C1, C2, C3, C4, C5, C6, C7, C8, C9, C10 and C11
h = Software Code: 22 to 44 Digits (Not Safety Relevant)

Entity parameters:

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Terminals	Vmax or Ui	I _{max} or I _i	P _i	Li	Ci
CH 1: + and -	6.4Vdc ≤ Ui ≤ 28Vdc	100mA	0.7W	0mH	2.2nF
CH 2: + and -	6.4Vdc ≤ Ui ≤ 28Vdc	100mA	0.7W	0mH	2.2nF

Remote probe Temperature Classification:

T-Code	Ambient Temperature
T6	-40°C < Ta < 60°C
T5	-40°C < Ta < 75°C
T4	-40°C < Ta < 110°C
T3	-40°C < Ta < 175°C
T2	-40°C < Ta < 180°C
T1	-40°C < Ta < 180°C

Specific Conditions of Use:

- 1) The EE300Ex Remote Probe is approved for in air applications only.
- 2) The serial software configuration port of the EE300EX may only be used with the Product Configuration Adapter (PCA) and Connection cable (HA011068).

EE300EX-M3A6HS2T1D1aK0L70PA0EX9b Transmitter with Display

Equipment Ratings:

Intrinsically Safe for Class I, Division 1, Groups C and D in accordance with drawing M1_1309080
Intrinsically Safe for Class I, Division 2, Groups, A, B, C and D in accordance with drawing M1_130980
Nonincendive for Class I, Division 2, Groups A, B, C and D
Intrinsically Safe for Class I, Zone 0, Group IIB in accordance with drawing M1_1309080
Intrinsically Safe for Class I, Zone 1, Group IIC in accordance with drawing M1_1309080
With an ambient temperature rating of -40°C to +60°C.

Markings:

Class I, Division 1, Groups C, and D; T4 Ta = -40°C to +60°C; Entity – M1_1309080

To verify the availability of the Approved product, please refer to www.approvalguide.com

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

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Class I, Division 2, Groups A, B, C and D; T4 Ta = -40°C to +60°C; Entity – M1_1309080

Class I, Division 2, Groups, A, B, C and D

Zone 0, Ex ia IIB T4 Ta = -40°C to +60°C Ga; Entity – M1_1309080

Zone 1, Ex ia IIC T4 Ta = -40°C to +60°C Gb; Entity – M1_1309080

Description of Equipment:

Model Code:

a = Electrical Connection; E2, E13, E15, E17, E18, E19, E20, E21, E22 or E32

b = Software Code: 7 to 10 Digits (Not Safety Relevant)

Entity parameters:

Terminals	Vmax or Ui	I _{max} or I _i	Pi	Li	Ci
CH 1: + and -	6.4Vdc ≤ Ui ≤ 28Vdc	100mA	0.7W	0mH	2.2nF
CH 2: + and -	6.4Vdc ≤ Ui ≤ 28Vdc	100mA	0.7W	0mH	2.2nF

Specific Conditions of Use:

1) The serial software configuration port of the EE300EX may only be used with the Product Configuration Adapter (PCA) and Connection cable (HA011068).

EE300EX-M3A6HS2aD1bcdeEX9f Transmitter+Probe with Display

Equipment Ratings:

Transmitter:

Intrinsically Safe for Class I, Division 1, Groups C and D in accordance with drawing M1_1309080

Intrinsically Safe for Class I, Division 2, Groups A, B, C and D in accordance with drawing M1_1309080

Nonincendive for Class I, Division 2, Groups A, B, C and D

Intrinsically Safe for Class I, Zone 0, Group IIB in accordance with drawing M1_1309080

Intrinsically Safe for Class I, Zone 1, Group IIC in accordance with drawing M1_1309080

With an ambient temperature rating of -40°C to +60°C.

Remote Probe:

Intrinsically Safe for Class I, II, III Division 1, Groups A, B, C, D, E, F, and G in accordance with drawing M1_1309080

Nonincendive for Class I, II, III Division 2, Groups A, B, C, D, E, F, and G

Intrinsically Safe for Class I, Zone 0, Group IIC in accordance with drawing M1_1309080

Intrinsically Safe for Class II and III, Zone 20, Group IIIC in accordance with drawing M1_1309080

IP65 with an ambient temperature rating of -70°C to +200°C.

Markings:

To verify the availability of the Approved product, please refer to www.approvalguide.com

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Transmitter:

Class I, Division 1, Groups C, and D; T4 Ta = -40°C to +60°C; Entity – M1_1309080

Class I, Division 2, Groups A, B, C and D; T4 Ta = -40°C to +60°C; Entity – M1_1309080

Zone 0, Ex ia IIB T4 Ta = -40°C to +60°C Ga; Entity – M1_1309080

Zone 1, Ex ia IIC T4 Ta = -40°C to +60°C Gb; Entity – M1_1309080

Remote Probe:

Class I, II, III, Division 1, Groups A, B, C, D, E, F and G; T6...T1; Entity – M1_1309080; IP65

Class I, II, III, Division 2, Groups A, B, C, D, E, F and G; T6...T1

Zone 0, Ex ia IIC T6...T1 Ga; Entity – M1_1309080; IP65

Zone 20, Ex ia IIIC T80°C Da; Entity – M1_1309080; IP65

Description of Equipment:

Model Code:

a = Model; T24

b = Electrical Connection; E2, E13, E15, E17, E18, E19, E20, E21, E22 or E32

c = Probe – Cable Length; K0.2, K0.5, K1, K2, K3, K5 or K10

d = Probe length; L150

e = Zone Feedthrough (probe fitting): PA0, PA26 or PA27

f = Software Code: 7 to 10 Digits (Not Safety Relevant)

Entity parameters:

Terminals	Vmax or Ui	I _{max} or I _i	P _i	Li	Ci
CH 1: + and -	6.4Vdc ≤ Ui ≤ 28Vdc	100mA	0.7W	0mH	2.2nF
CH 2: + and -	6.4Vdc ≤ Ui ≤ 28Vdc	100mA	0.7W	0mH	2.2nF

Remote probe Temperature Classification:

T-Code	Ambient Temperature
T6	-70°C < Ta < 60°C
T5	-70°C < Ta < 75°C
T4	-70°C < Ta < 110°C
T3	-70°C < Ta < 175°C
T2	-70°C < Ta < 200°C
T1	-70°C < Ta < 200°C

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Specific Conditions of Use:

- 1) The EE300Ex Remote Probe is approved for in air applications only.
- 2) The serial software configuration port of the EE300EX may only be used with the Product Configuration Adapter (PCA) and Connection cable (HA011068).



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