



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEx FMG 14.0017X** Page 1 of 6 Certificate history:
Status: **Current** Issue No: 6 Issue 5 (2017-11-30)
Date of Issue: 2019-09-17 Issue 4 (2016-04-25)
Issue 3 (2015-06-11)
Issue 2 (2015-04-24)
Issue 1 (2014-12-12)
Issue 0 (2014-10-03)
Applicant: **E+E Elektronik GmbH**
Langwiesen 7
4209 Engerwitzdorf
Austria
Equipment: **EE300Ex-M1A6HS2*****Ex2*, EE300Ex-M1A6HS2*****Ex4*, EE300Ex-M1A6HS2*****Ex5*, EE300Ex-M3A6HS2*****Ex2*, EE300Ex-M3A6HS2*****Ex4*, EE300Ex-M3A6HS2*****Ex5***
Optional accessory: HA011068
Type of Protection: **Ex ia**
Marking: EE300Ex Transmitter without Display:
Ex ia IIC T4 Ta = -40°C to 60°C Ga
Ex ia III C T131°C Da
EE300Ex Transmitter with Display:
Ex ia IIC T4 Ta = -40°C to 60°C Gb
Ex ia IIB T4 Ta -40°C to 60°C Ga
EE300Ex Remote Sensor:
Ex ia IIC T6-T1 Ta = -70°C to 200°C Ga

Approved for issue on behalf of the IECEx
Certification Body:

J.E.Marquedant

Position:

VP, Manager - Electrical Systems

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

FM Approvals LLC
1151 Boston-Providence Turnpike
Norwood, MA 02062
United States of America





IECEx Certificate of Conformity

Certificate No.: **IECEx FMG 14.0017X**

Page 2 of 6

Date of issue: 2019-09-17

Issue No: 6

Ex ia III C T80°C Da

HA011068:

-40°C to +40°C



IECEx Certificate of Conformity

Certificate No.: **IECEx FMG 14.0017X**

Page 3 of 6

Date of issue: 2019-09-17

Issue No: 6

Manufacturer: **E+E Elektronik GmbH**
Langwiesen 7
4209 Engerwitzdorf
Austria

Additional
manufacturing
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

[US/FMG/ExTR14.0027/02](#)
[US/FMG/ExTR14.0027/01](#)

[US/FMG/ExTR14.0027/04](#)
[US/FMG/ExTR14.0027/00](#)

[US/FMG/ExTR14.0027/03](#)

Quality Assessment Report:

[DE/TPS/QAR12.0001/07](#)



IECEx Certificate of Conformity

Certificate No.: **IECEx FMG 14.0017X**

Page 4 of 6

Date of issue: 2019-09-17

Issue No: 6

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Without Display

EE300EX-M1A6HS2aD0bcdefghi

a = Model; T1, 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, K0.2, K0.5, K1, K2, K3, K5 or K10

d = Probe Length; L50, 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 or C1

h = Approval; EX2, EX4 or EX5

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

EE300EX-M3A6HS2aD0bcdefg

a = Model; T1 or T24

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

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

d = Probe Length; L70 or L150.

e = Zone feedthrough (probe fitting); PA0, PA26 or PA28

f = Approval; EX2, EX4 or EX5

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

With Display

EE300EX-M1A6HS2aD1bcdefghi

a = Model; T1, T7, T10, T9, T15 or T22

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

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

d = Probe Length; L50, L65, L100, L200, L300, L400, L600, L800, L1000

e = Zone feedthrough (probe fitting); PA0, PA20, PA21, PA22, PA23, PA25 or PA28

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

g = Sensor Protection; C0 or C1

h = Approval; EX2, EX4 or EX5

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

EE300EX-M3A6HS2aD1bcdefg

a = Model; T1 or T24

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



IECEx Certificate of Conformity

Certificate No.: **IECEx FMG 14.0017X**

Page 5 of 6

Date of issue: 2019-09-17

Issue No: 6

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

d = Probe Length; L70 or L150.

e = Zone feedthrough (probe fitting); PA0, PA26 or PA28

f = Approval; EX2, EX4 or EX5

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

SPECIFIC CONDITIONS OF USE: YES as shown below:

- 1) There is no display permitted in the dust hazardous area and the gas hazard area EPL GA for group IIC.
- 2) There is no filter cap made of plastic or with plastic parts permitted in the gas hazard area EPL Ga for group IIC.
- 3) EE300Ex remote probe (temperature – humidity 12mm and temperature 6mm) must be earthed.
- 4) The serial software configuration port of the EE300EX may only be used with the EE-PCA Configuration Adapter and the HA011068 Connection Cable.
- 5) EE300Ex with the connector option may not be used in dust hazard area and in gas hazard area EPL Ga for group IIC.
- 6) For use EE300Ex with remote probe in EPL Ga the remote probe must be installed in a metallic grounded protective tube.
- 7) In case of using both measuring channels, each channel must be driven separately with their own galvanic safety barrier.



IECEx Certificate of Conformity

Certificate No.: **IECEx FMG 14.0017X**

Page 6 of 6

Date of issue: 2019-09-17

Issue No: 6

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Change to model code structure, manual format changes, new model code for configuration connection cable and optional gasket for 300bar probe construction.