



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEx FMG 14.0017X Issue No: 3 Certificate history:  
Status: **Current** Page 1 of 4 Issue No. 3 (2015-06-11)  
Date of Issue: **2015-06-11** Issue No. 2 (2015-04-24)  
Applicant: **E+E Elektronik GmbH** Issue No. 1 (2014-12-12)  
Langwiesen 7 Issue No. 0 (2014-10-03)  
4209 Engerwitzdorf  
**Austria**  
Electrical Apparatus: **EE300EX-\*T6S\*\*\*\*\*IC\*\***  
*Optional accessory:*  
Type of Protection: **Ex ia**  
Marking:  
EE300Ex Transmitter without Display: Ex ia IIC T4 Ta = -40°C to 60°C Ga Ex ia IIIC 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 Ex ia IIIC T80°C Da

Approved for issue on behalf of the IECEx  
Certification Body:

J.E.Marquedant

Position:

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 the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

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





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

Additional Manufacturing  
location(s):

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 electrical apparatus 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 electrical 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 Report:

[US/FMG/ExTR14.0027/00](#) [US/FMG/ExTR14.0027/01](#)

Quality Assessment Report:

[DE/TPS/QAR12.0001/02](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

EE300EX-\*T6S\*\*\*\*\*IC\*\*

### CONDITIONS OF CERTIFICATION: 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 HA011601 Configuration Adapter and the HA011061 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.



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**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):**

This Issue of the Certificate is for the correction of a typographical error in the Marking Section. No changes have been made to the Test Report.