



# 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 EPS 15.0003X Issue No: 1 Certificate history:  
Status: **Current** Page 1 of 4 [Issue No. 1 \(2015-03-20\)](#)  
Date of Issue: **2015-03-20** [Issue No. 0 \(2015-02-05\)](#)  
Applicant: **ecom instruments GmbH**  
Industriestraße 2  
97959 Assamstadt  
**Germany**  
Electrical Apparatus: **Tab-Ex 01 Z2 and Tab-Ex 01 DZ2**  
*Optional accessory:*  
Type of Protection: **intrinsic safety**  
Marking: Ex ic IIC T5 Gc

*Approved for issue on behalf of the IECEx  
Certification Body:*

D. Zitzmann

*Position:*

Manager Certification

*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](#).

Certificate issued by:

**Bureau Veritas Consumer Products Services Germany GmbH**  
Businesspark A96  
86842 Türkheim  
Germany





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Manufacturer: **ecom instruments GmbH**  
Industriestraße 2  
97959 Assamstadt  
**Germany**

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:

[DE/EPS/ExTR15.0004/01](#)

Quality Assessment Report:

[DE/PTB/QAR07.0004/02](#)



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## Schedule

### EQUIPMENT:

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

The Tab-Ex 01 Z2 and Tab-Ex 01 DZ2 are tablet computers for industrial applications in hazardous areas of Zone 2 with gaseous atmospheres.

#### Electrical data:

3.8 V; 1300 mA

#### CONDITIONS OF CERTIFICATION: YES as shown below:

Ambient temperature range:  $-20^{\circ}\text{C} \leq T_a \leq +55^{\circ}\text{C}$ .

Resistance to impact was tested corresponding to the low risk of mechanical danger.

The equipment shall be protected against excessive UV light emission and high electrostatic charge generating processes.



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

New model Tab-Ex 01 DZ2 added.