



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

Certificate No.: **IECEX TUN 08.0015X** issue No.:1

Status: **Current**

Certificate history:
Issue No. 1 (2011-4-18)
Issue No. 0 (2008-10-23)

Date of Issue: **2011-04-18** Page 1 of 4

Applicant: **VEGA Grieshaber KG**
Am Hohenstein 113
D-77761 Schiltach
Germany

Electrical Apparatus: **Terminal housing VEGABOX02 type BOX02.C_*****
Optional accessory:

Type of Protection: **Intrinsic safety**

Marking: **Ex ia IIC T6 Ga resp. Ex ia IIC T6 Gb**

Approved for issue on behalf of the IECEx Certification Body: **Karl-Heinz Schwedt**

Position: **Head of IECExCB**

Signature:
(for printed version)

Date:

2011-04-18

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:

TÜV NORD CERT GmbH
Hanover Office
Am TÜV 1
30519 Hannover
Germany





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Manufacturer: **VEGA Grieshaber KG**
Am Hohenstein 113
D-77761 Schiltach
Germany

Manufacturing location(s):

VEGA Americas, Inc.
4241 Allendorf Drive
Cincinnati, Ohio 45209
United States of America

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 : 2007-10
Edition: 5 | Explosive atmospheres - Part 0: Equipment - General requirements |
| IEC 60079-11 : 2006
Edition: 5 | Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i" |
| IEC 60079-26 : 2006
Edition: 2 | Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga |

*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/TUN/ExTR08.0037/01

Quality Assessment Report:

DE/TUN/QAR06.0002/03



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

In the future, the terminal housing VEGABOX02 type BOX02.C_*** may also be manufactured according to the documents listed in the test report.

The changes refer to:

- the installation of a separately certified temperature transmitter; type BOX02.C_C**
- the tables for the permissible ambient temperature ranges
- the electrical data and
- the marking

This reads:

Ex ia IIC T6 Ga resp. Ex ia IIC T6 Gb

CONDITIONS OF CERTIFICATION: YES as shown below:

1. At the plastic parts of the terminal housing VEGABOX02 type BOX02.C_*** there is a danger of ignition by electrostatic discharge. Observe manual of the manufacturer and warning label.
2. The terminal for earthing has to be connected with the potential equalization in the explosion hazardous area.
3. The cable shield is only allowed to be earthed at one point. If more than one earthing of the shield is necessary; IEC 60079-14 has to be observed.
4. The permissible ambient temperature ranges have to be taken from the instructions of the manufacturer.



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

See annexe