



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 PTB 16.0009X** issue No.: **0** Certificate history:

Status: **Current**

Date of Issue: **2016-07-18** Page 1 of 3

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

Equipment: **Conductive sensing probes type series EL *Ex.*****(*)***
Optional accessory:

Type of Protection: **General Requirements, Intrinsic Safety, Requirements for construction, test and marking of electrical apparatus of Group II intended for use in Zone 0**


Marking: **Ex ia IIC T6...T1 Ga, Ga/Gb, Gb**

Approved for issue on behalf of the IECEx Certification Body: Dr.-Ing. Frank Lienesch

Position: Department Head "Intrinsic Safety and Safety of Systems"

Signature:
(for printed version)

Date:



12.8.16

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:

Physikalisch-Technische Bundesanstalt (PTB)
Bundesallee 100
38116 Braunschweig
Germany





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Manufacturer: **VEGA Grieshaber KG**
Am Hohenstein 113, 77761 Schiltach
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 Edition: 6.0 | Explosive atmospheres - Part 0: General requirements |
| IEC 60079-11 : 2011 Edition: 6.0 | Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i" |
| IEC 60079-26 : 2014-10 Edition: 3.0 | 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/PTB/ExTR16.0020/00

Quality Assessment Report:
DE/TUN/QAR06.0002/06

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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The conductive sensing probes, type series EL *EX.****(*)*, are used in conjunction with an evaluator for liquid level monitoring or control in potentially explosive atmospheres.

They consist of an adapter box with open-circuit monitoring resistor, the process connector, and the sensor designed as rod or cable variant.

Further details see Annex.

CONDITIONS OF CERTIFICATION: YES as shown below:

conditions of safe use apply and are specified in the annex to the

Annex: IECEX PTB 16009X Issue-0.pdf