



# 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 BVS 18.0031 Issue No: 0 Certificate history:  
Issue No. 0 (2018-11-27)

Status: **Current** Page 1 of 3

Date of Issue: **2018-11-27**

Applicant: **Gönnheimer Elektronik GmbH**  
Dr.-Julius-Leber-Str. 2  
67433 Neustadt an der Weinstraße  
Germany

Equipment: **Dosing controller type DC155**  
*Optional accessory:*

Type of Protection: **Equipment protection by intrinsic safety "i"**

Marking:  
Ex ib IIC T6 Gb  
Ex ib IIC T4 Gb

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

Dr Franz Eickhoff

*Position:*

Deputy Head of Certification Body

*Signature:  
(for printed version)*

*Date:*

2018 - 11 - 27

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:

**DEKRA EXAM GmbH**  
Dinnendahlstrasse 9  
44809 Bochum  
Germany

**DEKRA**  
On the safe side.



# IECEX Certificate of Conformity

Certificate No: IECEx BVS 18.0031 Issue No: 0  
Date of Issue: 2018-11-27 Page 2 of 3  
Manufacturer: **Gönnheimer Elektronik GmbH**  
Dr.-Julius-Leber-Str. 2  
67433 Neustadt an der Weinstraße  
**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 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/BVS/ExTR18.0079/00](#)

Quality Assessment Report:

[DE/TUN/QAR10.0006/08](#)



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## Schedule

### EQUIPMENT:

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

### General product information:

The dosing controller type DC155 evaluates signals from a flow meter as part of a dosing device for dosing off liquids and controls the dosing valves accordingly. The DC155 consists of an aluminium housing with polyester front foil into which the intrinsically safe electronics are mounted.

The electronics and all inputs and outputs of the DC155 are intrinsically safe.

The dosing controller is suitable for use in the following ambient temperature range:

Temperature class T6: -20 °C up to +40 °C

Temperature class T4: -20 °C up to +70 °C

### Model type code

See Annex

### Ratings

See Annex

**SPECIFIC CONDITIONS OF USE: NO**

### Annex:

[BVS\\_18\\_0031\\_Gönheimer\\_Annex\\_1.pdf](#)