



# IECEx Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

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

Certificate No.: **IECEx DEK 14.0075X** Page 1 of 4 Certificate history:  
Status: **Current** Issue No: 2 Issue 1 (2017-08-31)  
Date of Issue: 2021-06-22 Issue 0 (2015-06-01)  
Applicant: **VEGA Grieshaber KG**  
Am Hohenstein 113  
77761 Schiltach  
Germany  
Equipment: **Display and Adjustment Unit VEGADIS 82, Type DIS82.\*E\*\*\*\*\***  
Optional accessory:  
Type of Protection: **Ex db**  
Marking: Ex db IIC T6 Gb

Approved for issue on behalf of the IECEx  
Certification Body:

**R. Schuller**

Position:

**Certification Manager**

Signature:  
(for printed version)

Date:

2021-06-22

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 [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**DEKRA Certification B.V.**  
Meander 1051  
6825 MJ Arnhem  
The Netherlands





# IECEx Certificate of Conformity

Certificate No.: **IECEx DEK 14.0075X**

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Date of issue: 2021-06-22

Issue No: 2

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

Additional manufacturing locations: **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 equipment 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 60079-0:2017** Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

**IEC 60079-1:2014-06** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

This Certificate **does not** indicate compliance with 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:

[NL/DEK/ExTR14.0083/02](#)

Quality Assessment Report:

[DE/TUN/QAR06.0002/10](#)



# IECEx Certificate of Conformity

Certificate No.: **IECEx DEK 14.0075X**

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Date of issue: 2021-06-22

Issue No: 2

## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

Display and Adjustment Unit VEGADIS 82, Type DIS82.\*E\*\*\*\*\* is used for reading and adjustment of 4 to 20 mA loop powered sensors.

Ambient temperature: -40 °C to +60 °C.

Electrical data

$U \leq 35$  Vdc,  $I = 4$  to 20 mA (max. 22.5 mA) optional with HART communication

For details about the nomenclature see Annex 1 to this certificate.

## **SPECIFIC CONDITIONS OF USE: YES as shown below:**

- Ambient temperature range: -40 °C to +60 °C.
- Electrostatic charging shall be avoided.
- The flameproof joints are not intended to be repaired.



# IECEx Certificate of Conformity

Certificate No.: **IECEx DEK 14.0075X**

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Date of issue: 2021-06-22

Issue No: 2

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

- Assessment according to IEC 60079-0 : 2017
- Change of model name.

**Annex:**

225595000-Annex1 to ExTR14.0083.02.pdf

## Nomenclature

VEGADIS 82 type \* \* \* \* \* \* \* \* \*

a b c d e f g h i j

### a = Model

DIS82: Basic model  
DIS82\*<sup>1)</sup>: Code reserved for OEM customers

### b = Scope

I: IECEx  
A: ATEX

### c = Approval

E: Ex db IIC T6 Gb (IECEx) and  
II 2 G Ex db IIC T6 Gb (ATEX)  
J: Ex db IIC T6 Gb (IECEx) and  
Ex tb IIIC T70 °C Db (IECEx certified per IECEx BVS 17.0008) or  
II 2 G Ex db IIC T6 Gb (ATEX) and  
II 2 D Ex tb IIIC T70 °C Db (ATEX certified per BVS 17ATEX E017)

### d = Electronic

X: 4...20 mA (with module DS82)  
H: 4...20 mA/HART (with module DS82H)

### e = Housing

A: Aluminium  
V: Stainless steel  
H: Aluminium with special colour

### f = Protection

N<sup>2)</sup>: IP66 / IP68 (0.2 bar); NEMA6P

### g = Cable entry

X: without  
M: M20 X 1.5 (The entry devices are not in the scope of this report and certificate)  
N: ½NPT (The entry devices are not in the scope of this report and certificate)

### h = Display and adjustment module PLICSCOM

X: without; enclosure with blind cover  
A: mounted  
K: mounted with Bluetooth and magnetic pen operation  
F: without; enclosure with window cover

### i = Mounting

A: wall mounting with aluminium or stainless steel housing  
D: carrier rail with aluminium or stainless steel housing  
E: tube mounting (26...60 mm)

### j = Certificates<sup>1)</sup>

X: without  
M: with

<sup>1)</sup>: Not in the scope of this report and certificate

<sup>2)</sup>: Not relevant for the type of protection, declared by the manufacturer.



# 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 DEK 14.0075X** Issue No: 1 **Certificate history:**  
Issue No. 1 (2017-08-31)  
Issue No. 0 (2015-06-01)

Status: **Current** Page 1 of 4

Date of Issue: **2017-08-31**

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

Equipment: **Display and Adjustment Unit, Type VEGADIS DIS82\*E\*\*\*\*\***  
*Optional accessory:*

Type of Protection: **Ex db**

Marking: **Ex db IIC T6 Gb**

*Approved for issue on behalf of the IECEx  
Certification Body:* L.G. van Schie

*Position:* Certification Manager

*Signature:*  
*(for printed version)* 

*Date:* 2017-08-31

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Certificate issued by:

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Meander 1051,  
6825 MJ Arnhem  
The Netherlands





# IECEX Certificate of Conformity

Certificate No: IECEX DEK 14.0075X Issue No: 1  
Date of Issue: **2017-08-31** Page 2 of 4  
Manufacturer: **VEGA Grieshaber KG**  
Am Hohenstein 113  
77761 Schiltach  
**Germany**

Additional Manufacturing location(s):

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**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 60079-1 : 2014-06** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

*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:

[NL/DEK/EXTR14.0083/01](#)

Quality Assessment Report:

[DE/TUN/QAR06.0002/07](#)



# IECEx Certificate of Conformity

Certificate No: IECEx DEK 14.0075X

Issue No: 1

Date of Issue: **2017-08-31**

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## Schedule

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For details about the nomenclature see Annex 1 to this certificate.

### SPECIFIC CONDITIONS OF USE: YES as shown below:

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# IECEx Certificate of Conformity

Certificate No: IECEx DEK 14.0075X

Issue No: 1

Date of Issue: **2017-08-31**

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

Issue 0:  
- Initial issue

Issue 1:  
- Assessment according to IEC 60079-1 : 2014  
- Some construction changes.

**Annex:**

[510014500-Annex 1.pdf](#)

**Annex 1 to ExTR NL/DEK/ExTR14.0083/01****Annex 1 to Certificate of Conformity IECEx DEK 14.0075X, issue 1****Annex 1 to EU Type Examination Certificate DEKRA 14ATEX0130 X, issue 2****Nomenclature**

VEGADIS \* \* \* \* \* \* \* \* \* \*  
a b c d e f g h i J

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DIS82\*<sup>1)</sup>: Code reserved for OEM customers

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**d = Electronic**

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**h = Display and adjustment module PLICSCOM**

X: without; enclosure with blind cover  
A: mounted  
K: mounted with Bluetooth and magnetic pen operation  
U: mounted with Bluetooth (US version), battery and magnetic pen operation  
F: without; enclosure with window cover

**i = Mounting**

A: wall mounting with aluminium or stainless steel housing  
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