

CERTIFICATE

(1) EU-Type Examination

(2) Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU

(3) EU-Type Examination Certificate Number: **DEKRA 14ATEX0130 X** Issue Number: **3**

(4) Product: **Display and Adjustment Unit VEGADIS 82, Type DIS82.*E*******

(5) Manufacturer: **VEGA Grieshaber KG**

(6) Address: **Am Hohenstein 113, 77761 Schiltach, Germany**

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) DEKRA Certification B.V., Notified Body number 0344 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential test report number NL/DEK/ExTR14.0083/02.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0 : 2018

EN 60079-1 : 2014

except in respect of those requirements listed at item 18 of the Schedule.

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the product shall include the following:



II 2 G Ex db IIC T6 Gb

Date of certification: 22 June 2021

DEKRA Certification B.V.

R. Schuller
Certification Manager

Page 1/2



© Integral publication of this certificate and adjoining reports is allowed. This Certificate may only be reproduced in its entirety and without any change.

(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate DEKRA 14ATEX0130 X**

Issue No. 3

(15) **Description**

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 range: -40 °C to +60 °C.

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

Electrical data

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

Installation instructions

The instructions provided with the product shall be followed in detail to assure safe operation.

(16) **Report Number**

No. NL/DEK/ExTR14.0083/02.

(17) **Specific conditions of use**

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

Electrostatic charging shall be avoided.

The flameproof joints are not intended to be repaired.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR14.0083/02.

(20) **Certificate history**

Issue 1 - 217560100	initial certificate.
Issue 2 - 510014500	Assessment according to EN 60079-1 : 2014; Some construction changes.
Issue 3 - 225595000	Assessment according to EN IEC 60079-0 : 2018; Change of model name.

CERTIFICATE

(1) **EU-Type Examination**

(2) **Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number: **DEKRA 14ATEX0130 X** Issue Number: **2**

(4) Product: **Display and Adjustment Unit, Type VEGADIS DIS82*E*******

(5) Manufacturer: **VEGA Grieshaber KG**

(6) Address: **Am Hohenstein 113, 77761 Schiltach, Germany**

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) DEKRA Certification B.V., Notified Body number 0344 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential test report number NL/DEK/ExTR14.0083/01.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0 : 2012 + A11

EN 60079-1 : 2014

except in respect of those requirements listed at item 18 of the Schedule.

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the product shall include the following:



II 2 G Ex db IIC T6 Gb

Date of certification: 31 August 2017

DEKRA Certification B.V.



L.G. van Schie
Certification Manager



(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate DEKRA 14ATEX0130 X**

Issue No. 2

(15) **Description**

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

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

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

Electrical data

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

Installation instructions

The instructions provided with the product shall be followed in detail to assure safe operation.

(16) **Report Number**

No. NL/DEK/ExTR14.0083/01.

(17) **Specific conditions of use**

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

Electrostatic charging shall be avoided.

The flameproof joints are not intended to be repaired.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR14.0083/01.

(20) **Certificate history**

Issue 1 - 217560100	initial certificate.
Issue 2 - 510014500	Assessment according to EN 60079-1 : 2014; Some construction changes.

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

a = Model

DIS82: Basic model
DIS82*¹⁾: 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

N²⁾: 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
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
D: carrier rail with aluminium or stainless steel housing
E: tube mounting (26...60 mm)

j = Certificates¹⁾

X: without
M: with

¹⁾: Not in the scope of this report and certificate

²⁾: Not relevant for the type of protection, declared by the manufacturer.

