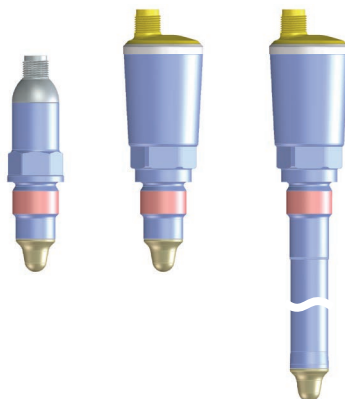




## Ordinary Location VEGAPOINT 11, 21, 23, 31

80043389

70218323



Document ID: 63299



# VEGA

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# Certificate of Compliance

**Certificate:** 80019658 **Master Contract:** 153857  
**Project:** 80044679 **Date Issued:** 2020-11-05  
**Issued to:** Vega Grieshaber KG  
 Am Hohenstein 113  
 77761 Schiltach  
 GERMANY  
**Attention:** Mr. Martin Schmitt

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only*



**Issued by:** *Andreas von der Brelie*  
 Andreas von der Brelie

## PRODUCTS

CLASS – 2252 06 PROCESS CONTROL EQUIPMENT  
 CLASS – 2252 86 PROCESS CONTROL EQUIPMENT (Certified to U.S. Standards)

The Model VEGAPOINT 11 is an Impedance level switch for level detection of liquids and bulk solids.

12-35 Vdc (absolute values), Current consumption  $\leq 1$  W, Transistor output current: max. 250 mA.

## APPLICABLE REQUIREMENTS

**CSA Standards:**  
 CAN/CSA-C22.2 No. 61010-1-12 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements

**UL Standards:**  
 UL Std. No. 61010-1 (3<sup>rd</sup> Edition) - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements



**Certificate:** 80019658

**Master Contract:** 153857

**Project:** 80044679

**Date Issued:** 2020-11-05

**Conditions of Acceptability:**

- 1 The device may only be powered by a power supply unit with a limited energy electric circuit max. 35 Vdc output in accordance with CAN/CSA-C22.2 No. 61010-1-12 / UL Std. No. 61010-1 (3<sup>rd</sup> Edition) chapter 6.3.1/6.3.2 and 9.4 or class 2 according to CSA 223/UL 1310.
- 2 Equipment has only been tested for electrical safety. No evaluations of functional safety and performance characteristics have been performed.
- 3 Equipment is only to be installed by trained personal in accordance to the installation, set-up, operation and maintenance of comparable devices and certified as being capable of such work.
- 4 Leakage and rupture from fluids under pressure of the device process thread mounted in end application, needs to be tested in end use. Corresponding impact test may also be applied in end use.

**MARKINGS**

See Report.



Supplement to Certificate of Compliance

Certificate: 80019658 Master Contract: 153857

The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
80044679	2020-11-05	Update to Report 80019658 to add Enclosure Rating Type 6P to model VEGAPOINT 11
80043389	2020-06-17	Update to Report 80019658 to cover new electronic circuit for VEGAPOINT 11.
80019658	2019-12-13	Original cCSAus Certification of model VEGAPOINT 11 according to CAN/CSA-C22.2 No 61010-1-12 and ANSI/UL Std. No. 61010-1:2012, Class No. 2252-06/2252-86.

## 2 VEGAPOINT 21, 23, 31



# Certificate of Compliance

**Certificate:** 70218323

**Master Contract:** 153857

**Project:** 80070882

**Date Issued:** 2021-01-27

**Issued to:** VEGA Grieshaber KG  
Am Hohenstein 113  
77761 Schiltach  
GERMANY  
Attention: Mr. Tobias Weis

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



**Issued by:** *Andreas von der Brelie*  
Andreas von der Brelie

### PRODUCTS

CLASS – 2252 06 PROCESS CONTROL EQUIPMENT

CLASS – 2252 86 PROCESS CONTROL EQUIPMENT (Certified to U.S. Standards)

The Model VEGAPOINT 21, VEGAPOINT 23 and VEGAPOINT 31 is an Impedance level switch for level detection of liquids and bulk solids.

12-35 Vdc (absolute values), Current consumption  $\leq 1$  W, Transistor output current: max. 250 mA

IP66, IP68, IP69 (option with M12 connector)

IP66, IP68, IP69 (option with M12 full metal connector)

IP65 (option with valve connector)

IP67 (option with valve connector Quick On)

Type 4X (option with valve connector)

Type 6P (option with M12 connector and M12 full metal connector)



**Certificate:** 70218323

**Master Contract:** 153857

**Project:** 80070882

**Date Issued:** 2021-01-27

## APPLICABLE REQUIREMENTS

### CSA Standards:

CAN/CSA-C22.2 No. 61010-1-12

- Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements

### UL Standards:

UL Std. No. 61010-1 (3<sup>rd</sup> Edition)

- Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements

## Conditions of Acceptability:

- 1 The device may only be powered by a power supply unit with a limited energy electric output rated 35 V dc max in accordance with CAN/CSA-C22.2 No. 61010-1-12 / UL Std. No. 61010-1 (3<sup>rd</sup> Edition) chapter 6.3.1/6.3.2 and 9.4 or class 2 according to CSA 223/UL 1310.
- 2 Equipment has only been tested for electrical safety. No evaluations of functional safety and performance characteristics have been performed.
- 3 Equipment is only to be installed by trained personal in accordance to the installation, set-up, operation and maintenance of comparable devices and certified as being capable of such work.
- 4 Leakage and rupture from fluids under pressure of the device mounted in end application, needs to be tested in end use. Corresponding impact test may also be applied in end use.

## MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.



**Certificate:** 70218323

**Master Contract:** 153857

**Project:** 80070882

**Date Issued:** 2021-01-27

The following markings appear on the product:

1. Submitter's identification (company name and/or file number and/or registered tradename);
2. Model designation;
3. Electrical rating;
4. Date of manufacture: Month and year of manufacture or date code. If a serial number is used instead of date of manufacture, a record of serial numbers shall be kept traceable to date of manufacture. (Not related to date of sale).
5. The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US, or with adjacent indicator 'US' for US only, or without either indicator for Canada only:



The marking label is not a final version, therefore the stated process pressure of 64 bar (64,000 kPa) is only a draft.

The process pressure on the final label is 25 bar (25,000 kPa) for all listed models in this report.

**Marking Method:** The above markings are made via silk screening, die stamping, moulding or on CSA certified or UL recognized adhesive nameplate material compatible with the surface used, or other equivalent permanent means that can pass the label rub test under clause 5.3.





Supplement to Certificate of Compliance

Certificate: 70218323

Master Contract: 153857

The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
80070882	2021-01-27	Update to Report 70218323 to cover formal correction to the list of critical components.
80044532	2021-01-14	Update to Report 70218323 to add enclosure Type 4x and 6P rating and alternate enclosure components.
80008139	2020-02-13	Update to Report 70218323 to add new model VEGAPOINT 31.
70218323	2019-12-03	Original cCSAus Certification of model VEGAPOINT 21 and VEGAPOINT 31 according to CAN/CSA-C22.2 No 61010-1-12 and ANSI/UL Std. No. 61010-1:2012, Class No. 2252-06/2252-86.





Printing date:

# VEGA

All statements concerning scope of delivery, application, practical use and operating conditions of the sensors and processing systems correspond to the information available at the time of printing.

Subject to change without prior notice

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