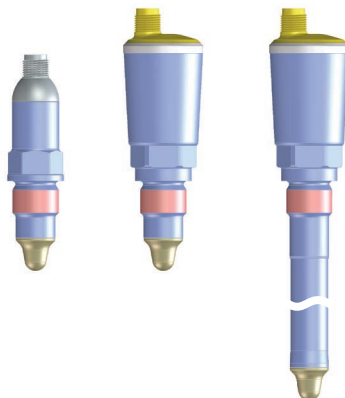




Ordinary Location VEGAPOINT 11, 21, 23, 31

80019658

70218323



Document ID: 63299



VEGA

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Certificate of Compliance

Certificate: 80019658 Master Contract: 153857
Project: 80196258 Date Issued: 2024-04-29
Issued to: Vega Grieshaber KG
Am Hohenstein 113
Schiltach, Baden-Württemberg 77761
Germany

Attention: Matthias Kurz

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: Rodel Rosales
Rodel Rosales

PRODUCTS

Class 2252 06 PROCESS CONTROL EQUIPMENT - Process Control Equipment
Class 2252 86 PROCESS CONTROL EQUIPMENT - Certified to US Standards

Impedance level switch for level detection of liquids and bulk solids

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Model(s)	Input Voltage (VDC)	Input Power (W)	Transistor Output Rating	Working Pressure (kPa)	Ambient Temp. Range (°C)	Process Temperature Range (°C)	Enclosure Type
VEGAPOINT 11	12-35 (absolute values)	≤ 1	250 mA max	2500 and 6400 (for full metal enclosure only)	-40 to +70	-40 to +100 and up to 135 for 1hr	6P



Certificate: 80019658

Project: 80196258

Master Contract: 153857

Date Issued: 2024-04-29

APPLICABLE REQUIREMENTS

UL 61010-1 3rd ed (Rev. Jun 6, 2023) - UL Standard for Safety Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements - Third Edition; Reprint with Revisions Through and Including JUNE 6, 2023

CSA C22.2 No. 61010-1-12, Rev May 11, 2012; Update No. 1 Rev July 15, 2015; Update No. 2, Rev April 29, 2016; Amendment 1, Rev November 16, 2018; Update No. 3, June 6, 2023 - Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 1: General requirements - Third Edition; Update No. 1: July 2015; Update No. 2: April 2016; Update No. 3: June 2023

UL 50E (Third Edition) - UL Standard for Safety Enclosures for Electrical Equipment, Environmental Considerations

CSA C22.2 No. 94.220 (Third Edition) - Enclosures for electrical equipment, environmental considerations

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 (3rd 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 with 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 tests may also be applied in end use.



Certificate: 80019658

Project: 80196258

Master Contract: 153857

Date Issued: 2024-04-29

Notes:

Products certified under Class(es) C225206 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





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
80196258	2024-04-29	Update to Report 80019658 is to include higher process pressure rating and to upgrade the standards to the latest revisions.
80126983	2022-08-12	Update to report 80019658 to add new enclosure variant and new ESD diode, upgrade to the latest version of the standard.
80044679	2020-11-05	Update to Report 80019658 to add Enclosure Type Rating.
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 (3rd Edition), Class No. 2252-06/2252-86.



Certificate of Compliance

Certificate: 70218323

Master Contract: 153857

Project: 80126624

Date Issued: 2022-08-12

Issued To: Vega Grieshaber KG
Am Hohenstein 113
Schiltach, Baden-Württemberg, 77761
Germany

Attention: Matthias Kunz

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 - C225206 - PROCESS CONTROL EQUIPMENT Process Control Equipment
CLASS - C225286 - PROCESS CONTROL EQUIPMENT Certified to US 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 ≤ 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
Project: 80126624

Master Contract: 153857
Date Issued: 2022-08-12

APPLICABLE REQUIREMENTS

CSA Standards:

CAN/CSA-C22.2 No. 61010-1-12
UPD1:2015, UPD2:2016, AMD1:2018

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

UL Standards:

UL 61010-1, 3rd Edition (2012), AMD1: 2018

- 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 (3rd 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
Project: 80126624

Master Contract: 153857
Date Issued: 2022-08-12

The following markings appear on the product:

1. Submittor'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 only draft and not a final version.

The process pressure on the final label is 64 bar (6400 kPa) for full metal version (stainless steel) and 25 bar (2500 kPa) for standard version

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.

Notes:

Products certified under Class C225206, C225286 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





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
80126624	2022-08-12	Update to report 70218323 to add new ESD diode and change process pressure from $\leq 2500\text{MPa}$ (25 bar) to $\leq 6400\text{MPa}$ (64 bar), upgrade to the latest version of the standard.
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 Rating.
80008139	2020-02-13	Update to Report 70218323 to add new model VEGAPOINT 31.
70218323	2019-12-06	Original cCSAus Certification of model VEGAPOINT 21 and VEGAPOINT 31 according to CAN/CSA-C22.2 No 61010-1-12 and ANSI/ULStd. 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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