



Ordinary Location
VEGAPULS 11, 21, 31
VEGAPULS C 11, C 21, C 22,
C 23

80001942



Document ID: 64628



VEGA



Certificate: 80001942

Master Contract: 153857

Project: 80150186

Date Issued: 12/05/2022

	Modbus version, 4-wire	8-30 Vdc	--	1 W max.
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Notes:

1. To be supplied by a Class 2 or Limited Energy Source in accordance with CSA 61010-1-12;
2. Ambient temperature range: -40°C to +60°C (VEGAPULS 11 / C 11), -40°C to +70°C (VEGAPULS 21 / 31), -40°C to +80°C (VEGAPULS C 21 / C 22 / C 23)
3. Environmental Conditions: 5000 m max
4. Enclosure types:4X, IP66/67 (VEGAPULS 11 / 21 / 31); 4X/6P, IP66/68 3bar (VEGAPULS C 11 / C 21 / C 22 / C 23)
5. Equipment has only been tested for electrical safety. No evaluation of functional safety and performance characteristics has been conducted.

Models	No. Wires	Voltage	Current
PULS 11S, PULS 31S	Version 4...20 mA, 2-wire	12-35 Vdc	4-20 mA
	HART version, 2-wire	12-35 Vdc	4-20 mA

Notes:

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APPLICABLE REQUIREMENTS

CSA C22.2 No. 61010-1-12, UPD1:2015, UPD2:2016, AMD1:2018 / UL 61010-1 3rd Ed (2018) - Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 1: General requirements



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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

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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
80150186	December 05, 2022	Update report 80001942 to cover alternate DAC chip and HART communication chip.
80050719	October 23, 2020	Update report 80001942 to cover the addition of 2 new models, PULS 11S and PULS 31S
80045000	June 03, 2020	Update report 80001942 to cover model name revisions.
80001942	May 20, 2020	New certification (ordinary locations) of radar sensor, models Vegapuls 11, 21, 31, C 11, C 21, C 22 and C 23. Quote is based on acceptance of test data for IP / Type testing from FM as follows: Type 4X, IP66/67 for series 11, 21, 31; Type 6P, IP 66/68 3 bar for series C11/ 21 / 22 / 23

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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