



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

80001942



Document ID: 64628



VEGA



Certificate of Compliance

Certificate: 80001942

Master Contract: 153857

Project: 80045000

Date Issued: 2020-06-03

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

Attention: Klaus Mayer

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: Dimcho Genov
Dimcho Genov



PRODUCTS

CLASS - C225206 - PROCESS CONTROL EQUIPMENT

CLASS - C225286 - PROCESS CONTROL EQUIPMENT Certified to US Standards

Radar Sensor for Continuous Level Measurement Models VEGAPULS 11 / 21 / 31; VEGAPULS C 11 / C 21 / C 22 / C 23

Version 4...20mA, 2-wire; rated 12 – 35Vdc, 4-20mA

HART version, 2-wire; rated 12 – 35Vdc; 4-20mA

Modbus version, 4-wire; rated 8 – 30Vdc; 1W max.

SDI-12 version, 3-wire; rated 8 – 30Vdc; 1W 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.

Radar Sensor for Continuous Level Measurement Models PULS C 11S, PULS C 21S, PULS C 23S

Version 4...20mA, 2-wire; rated 12 – 35Vdc, 4-20mA

HART version, 2-wire; rated 12 – 35Vdc; 4-20mA

Modbus version, 4-wire; rated 8 – 30Vdc; 1W max.

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 (PULS C 11S), -40°C to +80°C (PULS C 21S / C 23S)
3. Environmental Conditions: 5000 m max
4. Enclosure types: 4X/6P, IP66/68 3bar
5. Equipment has only been tested for electrical safety. No evaluation of functional safety and performance characteristics has been conducted

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

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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