



**Ordinary Location
VEGASWING 66.CX**

70015783 (108043_0_000)



Document ID: 50914



VEGA



Certificate of Compliance

Certificate: 70015783

Master Contract: 153857

Project: 70192963

Date Issued: December 04, 2018

Issued to: Vega Grieshaber KG
Am Hohenstein 113
Schiltach, 77761
GERMANY

Attention: Nick Ilchovski

The products listed below 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 US Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only



Issued by:

Rosales
R. Rosales

CLASS C225206 -PROCESS CONTROL EQUIPMENT
CLASS C225286 -PROCESS CONTROL EQUIPMENT-Certified to US Standards

VEGASWING SG66 Series Vibrating Level Switch, Supply Voltage 20...72V dc/ 20...253V ac or 9.6...55V dc or 9.6...35Vdc, 50/60 Hz, max power dissipation 8VA, max. 2.0W; Ambient temperature range -50°C to +70°C, Enclosure Type 4X/6, IP66/67

Notes:

1. Models with electronics T, I, Z and L are to be supplied by a Class 2 or Limited Energy Source in accordance with CSA 61010-1-12.
2. Environmental Conditions: 5000 m max

CONDITIONS OF ACCEPTABILITY:

- (1) Equipment is only to be installed by manufacturer trained personnel.
- (2) If at any time, there is a conflict between the system safety provisions and any relevant local (national or regional) requirements, the local requirements always take precedence.
- (3) Any other accessory/ies to be used with the equipment has to be checked and complied with the relevant standard (i.e., radiation, etc).



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- (4) This assessment covers the basic safety of the equipment only. It does not cover reliable function, performance, or other properties of the equipment not related to safety.
- (5) Approved or recognized cable glands rated 4X/6 or better shall only be used in the equipment to maintain the Enclosure Type Rating 4X/6.
- (6) Cable glands rated IP66/67 shall only be used in the equipment to maintain Degree of Protection IP66/67 of the enclosure.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 61010-1-12 3 rd Edition (Update 1 & 2, April 2016)	- Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements
UL Std. No. 61010-1, 3 rd Edition (Rev up to April 2016)	- Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements
CAN/CSA-C22.2 No. 94.2-15 2 nd Edition (October 2015)	- Enclosures for Electrical Equipment, Environmental Considerations
UL Std. No. 50E 2 nd Edition (October 2015)	- Enclosures for Electrical Equipment, Environmental Considerations
IEC 60529 (Edition 2.2)	- Degrees of Protection Provided by Enclosures (IP Code)
CAN/CSA-C22.2 No. 60529:16 (July 2016)	- Degrees of Protection Provided by Enclosures (IP Code)



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Model Name Nomenclature:

SG66	(*)	A	B	C	D	E	F	G	H	I
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- (*) Any Characters or Number (Wildcard)
- A **Not Relevant to CSA Approval/Assessment**
- B X – CSA Ordinary Location
* – Any letter (**Not Relevant to CSA Approval/Assessment_**)
- C **Version / Material**
K – Compact version / Inconel 718
R – with tube extension / 316L and Inconel 718
H – with tube extension / Hastelloy C22 and Inconel 718
- D Two digit alphanumeric variable for connections, which represents a TRI- CLAMP, DN or ASME industry type flange with pressure ratings, and any type of process connections which comply with an international or equivalent national standard
- E **Second line of defense / Process temperature**
A – With / -196...450°C
B – Without / -196...450°C
- F **Electronics**
R – Relay (2x SPDT) 20...72VDC/20...253VAC (5A)
T – Transistor (NPN/PNP) 9.6...55VDC
Z – Two-wire 8/16 mA 9.6...35VDC
S – Relay (2x SPDT) 20...72VDC/20...253VAC (5A) SIL
I – Transistor (NPN/PNP) 9.6...55VDC SIL
L –Two-wire 8/16 mA 9.6...35VDC SIL
- G **Housing / Protection**
A – Aluminum / IP66/IP67 or IP66/IP68 (0,2bar)
V – Stainless steel (precision casting) 316L, IP66/IP67 or IP66/IP68 (0,2bar)
8 – Stainless steel (electropolished)
* – Existing housings in special color
- H **Cable entry / Connection**
D – M20x1.5 / Blind plug
1 – M20x1.5 / Without
N – ½ NPT / Blind plug
Q – ½ NPT / Without
* – Other NRTL-rated cable entries / connections suitable for the respective type of protection.
- I **Certificates (Not Relevant to CSA Approval/Assessment)**
M – Yes
X – No



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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.

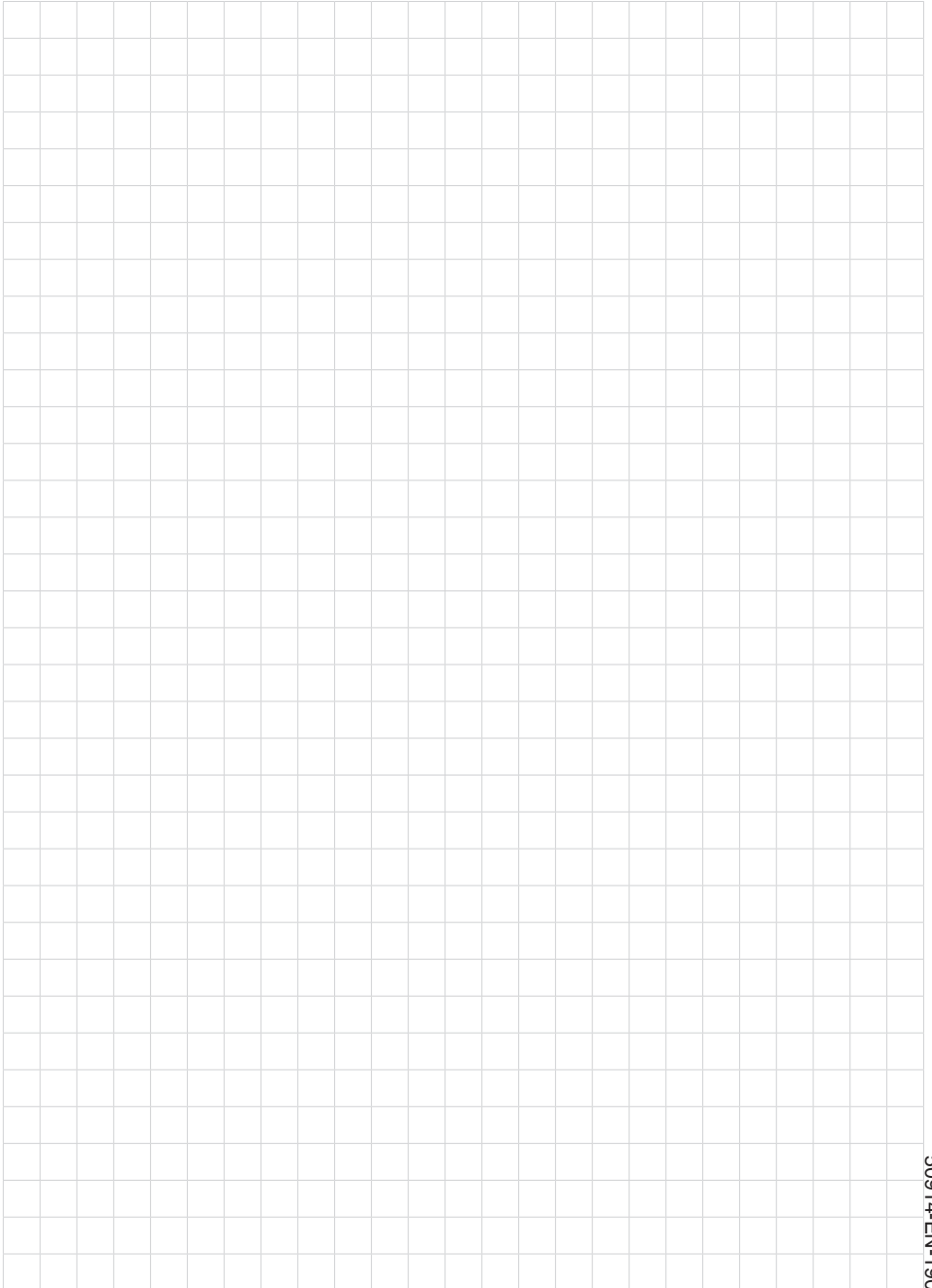
The following markings appear on the product:

1. Submitter's identification (company name and/or Master Contract and/or registered trade name);
2. Marking on the unit that indicates the manufacturing location if the equipment is manufactured at more than one factory location. 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:



6. Ingress Protection: IP66 / IP67
7. Enclosure Type Rating: 4X / 6

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.





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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