



Certificate of Compliance

Certificate: 70053891 (LR 108043)

Master Contract: 153857

Project: 70053891

Date Issued: December 15, 2015

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 or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Marin Banu

Issued by: Marin Banu

PRODUCTS

CLASS 2258 84 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - - For Hazardous Locations - Certified to US Standards

CLASS 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations

Class I Division 1, Groups A, B, C, and D

Ex ia IIC T6...T1 Ga or Gb

Class I, Zone 0, 1; AEx ia IIC T6...T1 Ga or Gb

- Breather housing, Model VEGABOX BOX03.CC/CO*****

Provided with entity the following entity parameters when installed per doc. 52432:

$U_{max} = 30V$, $I_{max} = 100mA$, $P_{max} = 500mW$

$U_i = 30V$, $I_i = 150mA$, $P_i = 1000mW$, $C_i = 0$, $L_i = 0$



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Model BOX 03.Cabcdefg

a = Approval: C or O

b = Execution: A

c = Housing: A, V or K

d = Protection: N or I

e = Cable entry: M, N, D or any NRTL rated connection/cable gland

f = Mounting: A, C, D, or E

g = Certificates: X or M

Permissible ambient temperature depending on temperature class/code:

EPL-Ga instrument

Temperature Class	T6...T1
Permissible ambient temperature	-20 ... +60 °C

EPL-Gb instrument

Temperature Class	T6...T1
Permissible ambient temperature	-50 ... +80 °C

Note: This product is evaluated as component for use only in final VEGA applications. The suitability of its use in the final VEGA application is subjected to CSA acceptance as part the end product certification. A control drawing will be provided for the final applications according to the VEGA instruments used.



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APPLICABLE REQUIREMENTS

CSA Std C22.2 No. 0-10	General Requirements – Canadian Electrical Code, Part II
C22.2 No 142-M1987 (R 2004)	Process Control Equipment
C22.2 No 157-92 (R 20012)	Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
CAN/CSA-C22.2 No. 60079-0:11	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
CAN/CSA-C22.2 No. 60079-11:14	Explosive atmospheres — Part 11: Equipment protection by intrinsic safety “i”
UL 916, Ed 4 (2007)	Energy Management Equipment
UL Std No. 913:2006	Intrinsically Safe Apparatus and Associated Apparatus for use in Class I, II, and III, Division 1, Hazardous (Classified) Locations
UL 60079-0:2013	Explosive Atmospheres - Part 0: Equipment-General Requirements
UL 60079-11:2013	Explosive Atmospheres - Part 11: Equipment Protection by Intrinsic Safety “i”

MARKINGS

- CSA Monogram with “C-US” indicator
- Company name and/or Master Contract number
- Model name / number
- Date code of manufacture
- Hazardous locations designation (Class I, Division 1, Groups A, B, C, and D; T6...T1)
Ex ia IIC T6...T1 Ga or Gb
Class I, Zone 0, 1; AEx ia IIC T6...T1 Ga or Gb
- Temperature code rating
- Ambient Temperature Range
- Reference to interconnection drawing and manual

Warning: “Substitution of components may impair intrinsic safety” or equivalent, in both English and French, appear in the interconnection drawing”



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REQUIRED METHOD OF MARKING

The marking shall be permanent, such as a 0.5 mm thick metal nameplate secured by drive pins or screws in bottomed holes, cast, etched or engraved, or CSA Accepted adhesive nameplates manufactured by Brady, P/N B-423 or Schreiner. P/N Polyscript Carbo ACE SA, mounted to bare stainless steel, Valox 357 polymer or painted aluminum.

Alternate label material: CSA Accepted adhesive Label Schreiner GmbH & Co. - Colour Laser Film Black SA(39-06).

Alternative: direct laser marking of the housing

Note - Jurisdictions in Canada may require these markings to also be provided in French language. It is the responsibility of the manufacturer to provide bilingual marking, where applicable, in accordance with the requirements of the Provincial Regulatory Authorities. It is the responsibility of the manufacturer to determine this requirement and have bilingual wording added to the "Markings".

ALTERATIONS

The markings are as above appears.

Conditions of Use for Ex Equipment

1. Risk of electrostatic discharge. Avoid friction, no dry cleaning and don't install this device in areas with flowing, non-conductive products. The safety instruction of the manufacturer must be observed.
2. The enclosure may only get into contact with products which it is resistant to. The safety instruction of the manufacturer must be observed.



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
70053891	Dec 15, 2015	CSA C/US Certification-VEGA Device-VEGABOX 02.

