

Certificate of Compliance

Certificate: 70018103 **Master Contract:** 171818 (047648_0_000)

Project: 70193341 **Date Issued:** 2018-08-23

Issued to: Badger Meter Inc.

4545 West Brown Deer Road Milwaukee, Wisconsin 53224-9536

USA

Attention: Todd Paul

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: Semyon Baum

Semyon Baum

PRODUCTS

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

Transducer scaling printed circuit board, open or enclosed type, Model, B220-880, B220-881, Ba220-885, B220882, B221301 and Ba220-886. Input 8.5 - 30 Vdc, 18 mA max.

F to I converter, type B220-803 and F to V converter, type B220-806, rated DC 10 – 30 V, max 25 mA

Notes:

- 1) This equipment has been evaluated as a component for other equipment where suitability of combination will be determined by CSA.
- 2) The equipment is suitable for ordinary location.
- 3) The above equipment is permanently connected, Equipment Class II, Pollution Degree 2
- 4) Mode of operation: Continuous
- 5) Environmental conditions: Abnormal- -30 °C to 70°C, 2000m Max, 0-90% RH (Non-Condensing)
- 6) Open type devices are certified, as components, for use only in other certified equipment where the suitability of the combination is determined by the CSA International.
- 7) a Private Label. Not present = Blancett; S = Sur-Flo

APPLICABLE REQUIREMENTS

DQD 507 Rev. 2016-02-18



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CAN/CSA-C22.2 No. 61010-1-12 - Safety Requirements for Electrical Equipment for Measurement,

Control, and Laboratory Use, Part 1: General Requirements

UL Std. No. 61010-1 (3rd Edition) - Safety Requirements for Electrical Equipment for Measurement,

Control, and Laboratory Use - Part 1: General Requirements

CONDITIONS OF ACCEPTABILITY

- (1) 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.
- (2) Equipment is not to be used with flammable liquids.
- (3) Equipment has only been tested for electrical safety. No evaluation of functional safety and performance characteristics has been conducted.

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. CSA Mark with or without the adjacent indicator "C" and/or "US" indicators, as shown on the Certificate of Conformity
- 2. Submittor's identification (company name and/or file number (171818) and/or registered tradename);
- 3. Marking on the unit that indicates the manufacturing location if the equipment is manufactured at more than one factory location;
- 4. Model designation, as specified in the PRODUCTS section, above
- 5. Electrical rating; as specified in the PRODUCTS section, above (IEC 60417 symbol 5031 for DC supply)
- 6. 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).

Mark	Symbol	Reference	Title
X		IEC 60417- 5031	Direct current
X	<u> </u>	ISO 7000- 0434A	Caution



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
70193341	2018-08-23	Evaluation to update report 70018103 to add new models that denote alternate enclosure and privately labeled models.
70018103	2015-05-21	Update of report with alternate components to latest standard revision.