



Certificate of Compliance

Certificate: 2478126

Master Contract: 171818

Project: 80166223

Date Issued: 2023-06-06

Issued To: Badger Meter Inc.
4545 West Brown Deer Road
Milwaukee, Wisconsin, 53224-9536
United States

Attention: Dennis Schwartz ,PE

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: Cem Kayadibi

PRODUCTS

CLASS - C225285 - PROCESS CONTROL EQUIPMENT Certified to US Standards

CLASS - C225205 - PROCESS CONTROL EQUIPMENT Process Control Equipment

Electromagnetic flow meter model M-2000 Amplifier. Ratings: input 100-240Vac 50/60Hz, 15W; analog output: 24Vdc 0-20mA, digital output: 30Vdc 100mA; Two SSR 48Vac, 500mA max.; optional daughterboard with HART, Profibus and Modbus, BACnet MS/TP, BACnet IP, Modbus TCP/IP, and Ethernet IP communications; Amplifier enclosure Type "4X".

Junction box for remote mounting applications, enclosure type 6P (IP 67) when used with potting compounds.

Note:

The above model is Installation Category II, Pollution Degree 2, Indoor -20°C to 60°C.



Certificate: 2478126
Project: 80166223

Master Contract: 171818
Date Issued: 2023-06-06

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 61010-1-04	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements
UL Std. No. 61010-1 (2nd Edition)	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements

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 file number and/or registered tradename);
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 (Voltage, Current, VA);
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. Enclosure Type "4X"

Notes:

Products certified under Class C225205, C225285 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

Certificate: 2478126

Master Contract: 171818

*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
80166223	2023-06-06	Update to Report 2478126 to solve FIR finding (FC# 258804) dated November 8, 2022 to add alternate components without testing and correction of dielectric strength test values for factory tests.
80114809	2022-02-28	Update report 2478126 to cover the following update: - Alternate construction for the AC variant Assumptions: -Minor updates only; revisions in limited energy circuitry only, no increase of rated input current/power; no evaluation or testing required
70217403	2019-03-05	Update report 2478126 to cover revision of potting material of the junction box.
70185932	2018-06-11	Update report 2478126 to cover an alternate construction for the cable connection to the amplifier box.
70029094	2015-06-10	RUSH service; Update report #2478126 to cover evaluation and testing of junction box enclosures for type 6P rating; two different potting compounds will be tested.
2571645	2013-02-07	Update report to cover addition of a new daughterboard with HART, Profibus and Modbus communications.
2543236	2012-09-04	Update report to cover various part number and component changes.
2478126	2012-04-13	Original Certification for Flow Meter M2000.