



Certificate of Compliance

Certificate: 70136457

Master Contract: 160686

Project: 70136457

Date Issued: 2017-08-02

Issued to: Endress + Hauser Flowtec AG
Kagenstrasse 7
Reinach, Basel Land 4153
SWITZERLAND
Attention: Frantz Bindler

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: Sam Zaffino
Sam Zaffino

PRODUCTS

CLASS - C225206 - PROCESS CONTROL EQUIPMENT

Flowmeter Proline Prosonic Flow E 100:

9bcdee – ffhijkmnppqqqr+### or O9bcdee – ffhijkmnppqqrs+### for OEM version

Input rated 19.2...28.8Vdc 3Watts, with ambient -25°C... +60°C and enclosure Type 4X / IP66 / IP67

Prosonic Flow E Heat:

9bcdee – ffGGhijkmnppqqqr+### or O9bcdee – ffGGhijkmnppqqrs+### for OEM version

Input rated 12...42Vdc 2Watts, with ambient -25°C... +60°C and enclosure Type 4X / IP66 / IP67

Nomenclature

- b** = **Type of sensor**
E = sensor E
- c** = **Variant**
1 = Process equipment („Proline Prosonic Flow E 100“)
- d** = **H = Heat meter („Prosonic Flow E Heat“)**
Generation
B = 2nd generation



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- ee** = **Size**
any double number or letter
- ff** = **Approval**
CP = CSA C/US: General Purpose
- GG** = **Custody transfer (this position exists only for heat meter root 9EHB)**
any double number or letter
- h** = **Sensor type**
any single number or letter
- i** = **Power Supply**
D = 24V DC
- j** = **Output**
B = 4-20mA HART, Pulse/Freq./Switch output
K = Pulse/Frequency output
P = Pulse output
- k** = **Operation**
any single number or letter
- m** = **Housing**
A = Aluminium coated compact, G300
B = Aluminium coated compact, G300 enclosure +D314 glass cover
- n** = **Cable Entry**
any single number or letter
- pp** = **Measuring tube material**
any double number or letter
- qqq** = **Process connection**
any triple number or letter
- r** = **Calibration**
any single number or letter
- s** = **Customer version (OEM version only)**
any single number or letter
- **** = **Option**
any combination of number and/or letter
- #, +** = **Signs used as indicator for optional abbreviation of extended order code**

APPLICABLE REQUIREMENTS

- 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
- ANSI/ISA-61010-1 (82.02.01) - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements (Third Edition)



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
70136457	2017-08-02	Evaluation of Prosonic E under the SMTC program