

EC Declaration of Conformity

No: **MMi 0009/17 E**

We, **Emerson Process Management Flow BV**
Neonstraat 1
6718 WX Ede
The Netherlands

declare under our sole responsibility that the product,

Model CMF Series Coriolis Mass Flow Sensors

manufactured by

Micro Motion Inc.
7070 Winchester Circle
Boulder, CO, 80301
USA

to which this declaration relates, is in conformity with the provisions of the European Community Directives, including the latest amendments, as shown in the attached schedule.

Presumption of conformity is based on the application of the listed standards and, when applicable or required, a European Community notified body certification, as shown in the attached schedule.



(signature)

P.J.M.M. Peters

(name - printed)

23rd January 2014

(date of issue)

Director, Emerson Process Management Flow B.V.

(function name - printed)

Schedule

EC Declaration of Conformity No: MMi 0009/17 E

Electromagnetic compatibility (EMC) Directive (2004/108/EC)

All models

EN 61326-1: 2006-[Emission]

EN 61326-2-3: 2006-[Immunity]

ATEX Directive (94/9/EC)

Model CMF***Z**** Coriolis Mass Flow Sensor**

Non-Harmonized Standards Used:

EN 60079-0: 2012 BVS 06 ATEX E 045 X supplement 7

Harmonized Standards Used:

EN 60079-11: 2012 BVS 06 ATEX E 045 X supplement 7

Marking: II 2 G Ex ib IIB/IIC T1-T4/T5/T6 Gb
II 2 D Ex ib IIIC T* °C Db IP66

Model CMF***V**** Coriolis Mass Flow Sensor**

Non-Harmonized Standards Used:

EN 60079-0: 2012 BVS 13 ATEX E 081 X

Harmonized Standards Used:

EN 60079-15: 2010 BVS 13 ATEX E 081 X

EN 60079-31: 2009 BVS 13 ATEX E 081 X

Marking: II 3 G Ex nA IIC T1-T4/T5 Gc
II 3 D Ex tc IIIC T* °C Dc IP66

Schedule

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Pressure Equipment Directive (PED) (97/23/EC)

Model CMF100M331*** Coriolis Mass Flow Sensor**

Model CMF200*** Coriolis Mass Flow Sensor**

Model CMF300*** Coriolis Mass Flow Sensor**

Model CMF350*** Coriolis Mass Flow Sensor**

Model CMF400*** Coriolis Mass Flow Sensor**

Conformity Assessment Module D1, Production Quality Assurance

PED Category II

Quality Assurance Certificate: **DGR-0036-QS-869-13**

Model CMF400A*** Coriolis Mass Flow Sensor**

Model CMF400C*** Coriolis Mass Flow Sensor**

Model CMF400M(444, 446, 448, 451, 452, 453, 461, 463, 465, 467, 478, A66, A67, A68, A69, A70, A71, A77, A78, A79, A80)*** Coriolis Mass Flow Sensor**

Model CMF400P(444, 446, 448, 453, A66, A67, A70, A71, A78, A79, A80)*** Coriolis Mass Flow Sensor**

Conformity Assessment Module B1, EC Design Examination

Design Examination Certificate: **USA-08-10-067-001**

Conformity Assessment Module D, Production Quality Assurance

PED Category III

Quality Assurance Certificate: **DGR-0036-QS-869-10**

Model CMFHC2*** Coriolis Mass Flow Sensor**

Conformity Assessment Module B1, EC Design Examination

Design Examination Certificate: **USA-07-10-067-001**

Conformity Assessment Module D, Production Quality Assurance

PED Category III

Quality Assurance Certificate: **DGR-0036-QS-869-10**

Model CMFHC2Y*** Coriolis Mass Flow Sensor**

Conformity Assessment Module B1, EC Design Examination

Design Examination Certificate: **USA-11-05-067-001**

Conformity Assessment Module D, Production Quality Assurance

PED Category III

Quality Assurance Certificate: **DGR-0036-QS-869-13**

Model CMFHC3*** Coriolis Mass Flow Sensor**

Conformity Assessment Module B1, EC Design Examination

Design Examination Certificate: **USA-07-10-067-001**

Conformity Assessment Module D, Production Quality Assurance

PED Category III

Quality Assurance Certificate: **DGR-0036-QS-869-10**

Schedule

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Pressure Equipment Directive (PED) (97/23/EC) (continued)

Model CMFHC3Y*** Coriolis Mass Flow Sensor**

Conformity Assessment Module B1, EC Design Examination

Design Examination Certificate: **USA-09-09-067-001**

Conformity Assessment Module D, Production Quality Assurance

PED Category III

Quality Assurance Certificate: **DGR-0036-QS-869-13**

Model CMFHC4*** Coriolis Mass Flow Sensor**

Conformity Assessment Module B1, EC Design Examination

Design Examination Certificate: **USA-08-10-067-001**

Conformity Assessment Module D, Production Quality Assurance

PED Category III

Quality Assurance Certificate: **DGR-0036-QS-869-10**

Note: Models for Sound Engineering Practice (SEP) see Annex.



Notified Bodies

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PED Notified Body

TÜV SÜD, Industrie Service GmbH [Notified Body Number 0036]
Dudenstraße 28
68167 Mannheim, Germany

ATEX Notified Bodies for EC Type Examination Certificates

DEKRA EXAM GmbH [Notified Body Number: 0158]
Carl-Beyling-Haus, Dinnendahlstrasse 9
44809 Bochum, Germany
POB 10 27 48, 44727 Bochum, Germany

ATEX Notified Body for Quality Assurance

Quality Assurance Notification: **DNV-2007-OSL-ATEX-11167Q**
Det Norske Veritas (DNV) [Notified Body Number: 0575]
Veritasveien 1, N-1322
Hovik, Norway



Sound Engineering Practice Statement

Annex to: MMi 0009/17 E

Pressure Equipment Directive 97/23/EC

Classification of Pressure Equipment

Micro Motion products, defined as pressure equipment (*pressure accessories*) with respect to the Pressure Equipment Directive 97/23/EC, have been classified in accordance with Article 9, Classification of Pressure Equipment. Products that are below or equal to the limits in Article 3, sections 1.1, 1.2, 1.3 and 2 must be designed and manufactured in accordance with sound engineering practice. The Commission's Working Group "pressure" guideline 9/19 indicates, while a EC Declaration of Conformity can not be drawn up, a statement may be provided that indicates sound engineering practice requirements have been met. The listed Micro Motion products are classified as designed and manufactured to sound engineering practice.

Sound Engineering Practice Classification	
Model Number	Description
CMF010*****	Coriolis Mass Flow Sensor
CMF025*****	Coriolis Mass Flow Sensor
CMF050*****	Coriolis Mass Flow Sensor
CMF100*****	Coriolis Mass Flow Sensor

Conformity Assessment

Pressure Equipment Directive, Article 10, conformity assessment does not include a category and associated assessment procedures for sound engineering practice.

Micro Motion has one universal quality system that has been determined to comply with module D and D1 by the Notified Body for the categorized products. All Micro Motion PED CE marked products and those products that are not marked (*SEP*) are designed in accordance with the requirements of the American Society of Mechanical Engineers (ASME) B31.3 Process Piping code and manufactured to the same assessment procedures.

This information is respectfully presented to indicate that all Micro Motion products have been evaluated and the above listed products are solely classified as sound engineering practice.