

# EC Declaration of Conformity

Pressure Equipment Directive 97/23/EC, Low Voltage Directive 2006/95/EC,  
EMC Directive 2004/108/EC, ATEX Directive 94/9/EC

**No: MMi 0047/04 E**

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

declare under our sole responsibility that the product,

**Model CMFS 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 harmonized standards, normative documents or other documents 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)

**15<sup>th</sup> July 2013**

(date of issue)

**Director, Emerson Process Management Flow B.V.**

(function name - printed)

## Schedule

### EC Declaration of Conformity No: MMi 0047/04 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 CMFS\*\*\*\*\*Z\*\*\*\* Coriolis Mass Flow Sensor**

**Standards Used:**

EN 60079-0: 2006 BVS 09 ATEX E 018 X

EN 60079-11: 2007 BVS 09 ATEX E 018 X

EN 61241-0: 2006 BVS 09 ATEX E 018 X

EN 61241-1: 2004 BVS 09 ATEX E 018 X

**Marking:** II 2 G Ex ib IIB/IIC T1-T4/T5/T6

II 2 D Ex tD A21 IP65 T\* °C

**Standards Used:**

EN 60079-0: 2012 BVS 09 ATEX E 018 X supplement 1 or higher

**Harmonized Standards Used:**

EN 60079-11: 2012 BVS 09 ATEX E 018 X supplement 1 or higher

**Marking:** II 2 G Ex ib IIC T1-T4/T5/T6 Gb

II 2 D Ex ib IIIC T\* °C Db IP66

**Model CMFS\*\*\*\*\*V\*\*\*\* Coriolis Mass Flow Sensor**

**Standards Used:**

EN 60079-0: 2006 BVS 06 ATEX E 093 X supplement 1 to 4

EN 60079-15: 2005 BVS 06 ATEX E 093 X supplement 1 to 4

EN 61241-0: 2006 BVS 06 ATEX E 093 X supplement 1 to 4

EN 61241-1: 2004 BVS 06 ATEX E 093 X supplement 1 to 4

**Marking:** II 3 G Ex nA II T1-T4/T5

II 3 D Ex tD A22 IP65 T\* °C

**Model CMFS\*\*\*\*\*V\*\*\*\* Coriolis Mass Flow Sensor**

**Harmonized Standards Used:**

EN 60079-0: 2009 BVS 06 ATEX E 093 X supplement 5 or higher

EN 60079-15: 2010 BVS 06 ATEX E 093 X supplement 5 or higher

EN 60079-31: 2009 BVS 06 ATEX E 093 X supplement 5 or higher

**Standards Used:**

EN 60079-0: 2012 BVS 06 ATEX E 093 X supplement 7 or higher

**Harmonized Standards Used:**

EN 60079-15: 2010 BVS 06 ATEX E 093 X supplement 7 or higher

EN 60079-31: 2009 BVS 06 ATEX E 093 X supplement 7 or higher

**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)**

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Model CMFS075M\*\*\*\*\* Coriolis Mass Flow Sensor  
Model CMFS100M\*\*\*\*\* Coriolis Mass Flow Sensor  
Model CMFS150M\*\*\*\*\* Coriolis Mass Flow Sensor  
Model CMFS100H\*\*\*\*\* Coriolis Mass Flow Sensor  
Model CMFS150H\*\*\*\*\* Coriolis Mass Flow Sensor  
Model CMFS100P\*\*\*\*\* Coriolis Mass Flow Sensor  
Model CMFS150P\*\*\*\*\* Coriolis Mass Flow Sensor

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Conformity Assessment Module D1, Production Quality Assurance  
PED Category II  
Quality Assurance Certificate: **DGR-0036-QS-869-10**

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



## Notified Bodies

### EC Declaration of Conformity No: MMi 0047/04 E

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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 0047/04 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
CMFS007*****	Coriolis Mass Flow Sensor
CMFS010*****	Coriolis Mass Flow Sensor
CMFS015*****	Coriolis Mass Flow Sensor
CMFS025*****	Coriolis Mass Flow Sensor
CMFS040*****	Coriolis Mass Flow Sensor
CMFS050*****	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.