

OIML Member State
The Netherlands

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Project number 1900487
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Issuing authority
Person responsible: NMI Certin B.V.
C. Oosterman

Applicant Emerson Process Management Flow B.V.
Neonstraat 1
6718 WX Ede
The Netherlands

Manufacturer Micro Motion, Inc

Identification of the A **Measuring device** (Coriolis), for the measurement of Compressed Natural Gas (CNG).

Certified type Type: CNG 050

Characteristics See page 2 and further

This Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML Type Evaluation Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

R 139-1 (2014) "Compressed gaseous fuel measuring systems for vehicles"

Accuracy class 1,5

This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation identified above. This Certificate does not bestow any form of legal international approval.

Issuing Authority **NMI Certin B.V., OIML Issuing Authority NL1**
18 September 2017



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OIML Certificate of Conformity

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The conformity was established by the results of tests and examinations provided in the associated report(s):

- No. C-BI-02-WV-0428 dated 28 May 2002 that includes 20 pages;
- No. CPC-92005574-2 dated 26 January 2010 that includes 12 pages;
- No. NMI-1900487-01 dated 17 July 2017 that includes 24 pages.

Characteristics of the measuring instrument

In Table 1 the general characteristics of the measuring instrument are presented.
The construction of the measuring instrument is recorded in the Documentation folder no. TC11012-1.

Table 1 General characteristics

Minimum – maximum flow rate	1,3 – 77 kg/min;
Minimum measured quantity	1 kg
Maximum pressure	317 or 345 bar(g) (depending on flange type)
Environmental classes	M2 / E2
Ambient temperature range	-40 – +55 °C;
Product temperature range	-25 – +55 °C
Intended for the measurement of	Compressed Natural Gas
Power supply voltage	24 V DC \pm 20 % (with MVD Direct Connect I.S) 15 – 26 V DC
Software identification	Version number: 3.52 Checksum: 3C4A

Installation conditions:

Installation of the meter with the MVD Direct Connect barrier is preferred to protect against EMI.

Revision History

This revision replaces the previous version.

Revision	Date	Change(s)
Initial	17 July 2017	-
1	18 September 2017	Typing error in date of test report NMI-1900487-01