

OIML Member State
The Netherlands

Number R139/2014-NL1-17.01
Project number 16200831
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Issuing authority
Person responsible: NMI Certin B.V.
C. Oosterman

Applicant and
Manufacturer Endress+Hauser Flowtec AG.
Käggenstrasse 7
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Identification of the A **measuring device** (Coriolis), for the measurement of Compressed Natural Gas (CNG).

Certified type Type: CNGmass

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**
14 July 2017



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Head Certification Board

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

- No. CPC-10200012-01 dated 8 February 2010 that includes 23 pages;
- No. NMI-16200831-01 dated 13 July 2017 that includes 41 pages.

Characteristics of the measuring instrument

In Table 1 the general characteristics of the measuring instrument are presented. Table 2 gives an overview of the general characteristics of the family of instruments. The construction of the measuring instrument is recorded in the Documentation folder no. TC10997-1.

Table 1 General characteristics

Minimum – maximum flow rate	See table below
Minimum measured quantity	See table below
Maximum pressure	350 Bar(g)
Environmental classes	M2 / E2
Ambient temperature range	-40 – +55 °C; non condensing humidity
Product temperature range	-50 – +125 °C
Intended for the measurement of	CNG
Power supply voltage	26 V AC; 50/60 Hz 24 V DC
Software identification	Version number: 01.01.00. Checksum: 0X13BD2D46

Table 2 General characteristics of the family of instruments

Meter size	DN08	DN15	DN25
Minimum flow rate [kg/min]	0,3	0,8	1,5
Maximum flow rate [kg/min]	30	80	150
MMQ [kg]	1	1	1
Maximum pressure [bar(g)]	250	250	250
Diameter in/outlet [mm]	8	15	25