

OIML Member State
The Netherlands

Number R139/2018-A-NL1-22.01 revision 1
Project number 2955059
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Issuing authority
Person responsible: NMi Certin B.V.
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Applicant and
Manufacturer Rheonik Messtechnik GmbH
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Identification of the
certified type **A measurement sensor** (Coriolis sensor)
Type: RHM04; RHM10

Characteristics See page 2

This OIML Certificate is issued under scheme A.

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 (2018) "Compressed gaseous fuel measuring systems for vehicles"

Accuracy class 2 / 4

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.

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Issuing Authority

NMi Certin B.V., OIML Issuing Authority NL1
24 February 2023

Certification Board

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The conformity was established by the results of tests and examinations provided in the associated reports:

- No. NMI-2438559-01 dated 29 April 2022 that includes 122 pages;
- No. NMI-2955059-01 dated 18 May 2022 that includes 20 pages;
- No. NMI-3592299-01 dated 24 February 2023 that includes 15 pages.

Characteristics of the measuring instrument

In Table 1 the general characteristics of the measuring instrument are presented. The construction of the measuring instruments is recorded in the Documentation folder no. 2955059-1

Table 1 General characteristics

Sensor type	RHM04	RHM10
Qmin (kg/min)	0,075	0,15
Qmax (kg/min)	7,2	24
Minimum Measured Quantity (MMQ)	1	1
Flow direction	bi-directional	
Maximum pressure (bar g)	1087	1040
Accuracy class	2 or 4	
Environmental classes	M2 / E2	
Ambient temperature range	-40 °C – +70 °C; non condensing humidity	
Product temperature range	-40 °C – +55 °C	
Intended for the measurement of	Hydrogen (H ₂)	

Certificate history:

This revision replaces the previous version.

Revision	Date	Description of the modification
Initial	18 May 2022	Initial approval
1	24 February 2023	Extension of flowrates.