

OIML Member State
The Netherlands

Number R 137/2012-B-NL1-19.15
Project number 2381532
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Identification of the certified type **A diaphragm gas meter**
Type: G1.6R, G2.5R, G4.0R, G6.0R

Characteristics See page 2 and further

This OIML Certificate is issued under scheme B

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 137-1 (2012) "Gas meters"

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.

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Issuing Authority **NMI Certin B.V., OIML Issuing Authority NL1**
16 December 2019

Certification Board

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

- No. NMI-1902617-01 dated 6 June 2019 that includes 45 pages;
- No. NMI-2381532-01 dated 16 December 2019 that includes 15 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.

Table 1 General characteristics

Destined for the measurement of	Gas volume
Environmental classes	M1 / E1
Accuracy class	1,5
Maximum pressure	0,5 bar
Ambient temperature range	-10 °C / +55 °C
Gas temperature range	-10 °C / +55 °C
Designed for	Condensing humidity
Orientation	Connection ports vertical

Table 2 General characteristics of the family of instruments

Meter size	G1.6	G2.5	G4	G6
Minimum flow rate Q_{min} (m ³ /h)	0,016	0,025	0,04	0,06
Transitional flow rate Q_t (m ³ /h)	0,25	0,4	0,6	1
Maximum flow rate Q_{max} (m ³ /h)	2,5	4	6	10
Overload flow rate Q_r (m ³ /h)	3	4,8	7,2	12
Cyclic volume (dm ³)	0,5	1	1,2	2,5
Indicating range (m ³)	99999	99999	99999	99999
Verification scale interval (m ³)	0,0002	0,0002	0,0002	0,0002