



# OIML Certificate

**OIML Member State**  
The Netherlands

Number R 137/2012-B-NL1-18.03  
Project number 16200607  
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Issuing authority NMI Certin B.V.  
Person responsible: C. Oosterman

Applicant and Manufacturer Chengdu Qinchuan IoT Technology Co., Ltd.  
No. 10 Xingye Ave., Jiepai Industrial Park, Longquanyi District  
610100 Chengdu  
P.R. China

Identification of the certified type **A diaphragm gas meter**  
Type: Gx-xx

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**  
25 May 2018

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

- No. NMI-16200607-01 dated 18 January 2018 that includes 34 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. T10885-1.

**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 – +40 °C
Gas temperature range	-10 – +40 °C
Designed for	Condensing humidity

**Table 2 General characteristics of the family of instruments**

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