

**OIML Member State**  
The Netherlands

Number R137/2012-B-NL1-18.08  
Project number 1901753  
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Issuing authority NMI Certin B.V.  
Person responsible: C. Oosterman

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No.252, Hongsong Road,  
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Zhengzhou city, Henan Province  
P.R. China

Identification of the certified type **A Diaphragm gas meter**  
Type: Smart Gas Meter Gxx  
(xx is 1.6, 2.5 or 4.0)

Characteristics See page 2

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

- No. NMI-13200090-04 dated 17 November 2015 that includes 50 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	-25 – +55 °C
Gas temperature range	-25 – +55 °C
Designed for	Non condensing humidity
Orientation	Vertical up
Software identification	Software is not metrological relevant

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

Meter size	G1.6	G2.5	G4
Minimum flow rate $Q_{\min}$ (m <sup>3</sup> /h)	0,016	0,025	0,04
Transitional flow rate $Q_t$ (m <sup>3</sup> /h)	0,25	0,4	0,6
Maximum flow rate $Q_{\max}$ (m <sup>3</sup> /h)	2,5	4	6
Overload flow rate $Q_r$ (m <sup>3</sup> /h)	3	4,8	7,2
Maximum working pressure $p_{\max}$ (bar g)	0,5 bar		
Indicating range (m <sup>3</sup> )	99999,999		
Verification scale interval (m <sup>3</sup> )	0,0002		
Nominal diameter [mm]	130		