OIML Certificate

OIML Member State
The Netherlands

Number R137/2012-A-NL1-20.09 revision 1
Project number 2430358

Issuing authority

NMi Certin B.V.
Person responsible: M. Boudewijns

Applicant

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Manufacturer

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ZENNER-COMA JVC.
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United States of America

Issuing Authority

NMi Certin B.V., OIML Issuing Authority NL1
7 December 2020

Certification Board

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Identification of the certified type	**Diaphragm gas meter** Type: Atmos xxS (xx is G1.6, G2.5, G4, G4L, G6M, WG2.5 or WG6M) Atmos HP xxA (xx is G1.6, G2.5, G4, G4L, G6M, WG2.5 or WG6M)
Characteristics	See page 3

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):

R137-1 (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.

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate was issued, partial quotation of the Certificate and of the associated OIML Type Evaluation Report(s) is not permitted, although either may be reproduced in full.

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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;
- No. NMi-2403564-02 dated 18 November 2019 that includes 13 pages;
- No. NMi-2449796-02A dated 9 June 2020 that includes 11 pages.
- No. NMi-2430358-02 dated 2 December 2020 that includes 18 pages.

This certificate and supporting reports comply with the requirements of OIML-CS-PD-07 clause 6.2.

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	Atmos xxS: 0,5 bar Atmos HP xxA: 1,5 bar
Ambient temperature range	-25 – +55 °C
Gas temperature range	-25 – +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**	**WG2.5**	**G4L**	**G6M**	**WG6M**
Minimum flow rate Q_{min} (m^3/h)	0,016	0,025	0,04	0,016	0,04	0,06	0,04
Transitional flow rate Q_t (m^3/h)	0,25	0,4	0,6	0,2	0,6	1	0,6
Maximum flow rate Q_{max} (m^3/h)	2,5	4	6	6	6	10	10
Overload flow rate Q_r (m^3/h)	3	4,8	7,2	7,2	7,2	12	12
Cyclic volume (dm^3)	1,2				2,0		
Indicating range (m^3)	99999				99999		
Verification scale interval (m^3)	0,0002				0,0002		

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Certificate history:

This revision replaces the previous version.

Revision	Date	Description of the modification
Initial	18 June 2020	-
1	7 December 2020	Added test report NMi-2430358-02 for single pipe and double pipe meter (steel) WG6M