



OIML Certificate of Conformity

OIML Member State
The Netherlands

Number R137/2012-NL1-15.06
Project number 13200090
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Issuing authority	NMI Certin B.V. Person responsible: C. Oosterman	
Applicant	ZENNER Metering Technology (Shanghai) Ltd. No.6558, East Yinggang Road Qingpu Industrial Zone Shanghai P.R. China	
Manufacturer	ZENNER Metering Technology (Shanghai) Ltd. NO.6558, East Yinggang Road Qingpu Industrial Zone Shanghai P.R. China	ZENNER International GmbH & Co. KG Römerstadt 6 D 66121 Saarbrücken Germany
	ZENNER International GmbH & Co. KG Talstraße 2 09619 Mulda Germany	Zenner do Brasil Instrumentos de Medição Ltda. Rua Batolomeu de Gusmao 2444-Novo Hamburgo-RS Brazil
	ZENNER-COMA JVC. Construction Machinery Company 125D Minh Khai Q Hai Ba Trung Hanoi Vietnam	ZENNER Aquamet India Pvt Ltd 39-B HSIDC , Sec-31 Faridabad (Haryana)-121003 INDIA
	Zenner Performance Meters Inc. 1910E. Westward Ave Banning, CA 92220 United States of America	
Identification of the certified type	A diaphragm gas meter Type : Atmos xxS (steel)/ Atmos HP xxA (aluminium)	
Characteristics	See page 3.	

Issuing Authority **NMI Certin B.V., OIML Issuing Authority NL1**
3 December 2015


C. Oosterman
Head Certification Board

NMI Certin B.V.
Hugo de Grootplein 1
3314 EG Dordrecht
the Netherlands
T +31 78 6332332
certin@nmi.nl
www.nmi.nl

This document is issued under the provision that no liability is accepted and that the applicant shall indemnify third-party liability.

The notification of NMI Certin B.V. as Issuing Authority can be verified at www.oiml.org

Parties concerned can lodge objection against this decision, within six weeks after the date of submission, to the general manager of NMI (see www.nmi.nl).





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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.

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.

The conformity was established by the results of tests and examinations provided in the associated OIML Type Evaluation Report:

No. NMI-13200090-04 dated 17 November 2015 that includes 50 pages.

Characteristics of the gas meter:

Table 1 gives the general characteristics of the meter type. Table 2 specifies in detail the essential characteristics.

Table 1: General characteristics	
Destined for the measurement of	Gas volume
Mechanical class	M1
Electromagnetic class	E1
Cyclic volume	1,2 dm ³
Maximum p_{max} – Atmos xxS	0,5 bar
Maximum p_{max} – Atmos HP xxA	1,5 bar
Ambient temperature range	-25 °C / +55 °C
Gas temperature range	-25 °C / +55 °C

Table 2: Essential characteristics		
Maximum Q_{max} [m ³ /h]	Minimum Q_{min} [m ³ /h]	Minimum Q_t [m ³ /h]
6	0,016	0,20

Notes:

If higher values are chosen for Q_{min} and/or lower values for Q_{max} , it has to be taken into account that $Q_{max} / Q_{min} \geq 150$. For Q_t it has to be taken into account that the minimum value is not lower than the minimum value as indicated in the table above and that $Q_t \leq 0,1 Q_{max}$.