

OIML Member State
The Netherlands

Number R137/2012-A-NL1-24.11 revision 0
Project number 3773424
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Issuing authority

NMi Certin B.V.
Person responsible: M.Ph.D. Schmidt

**Applicant and
Manufacturer**

ZENNER Metering Technology (Shanghai) Ltd.
No. 800 Songda Road, Qingpu District, Shanghai
P.R. China

Identification of the
certified type

A diaphragm gas meter
Manufacturers mark: ZENNER
Type: Atmos xxS (steel) / Atmos HP xxA (aluminium)
(XX is G6, G10, G16, G25, WG6, WG10, WG16,
WG25)

Characteristics

See following page(s)

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):

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.

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

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.

Issuing Authority

NMi Certin B.V., OIML Issuing Authority NL1
22 November 2024

Certification Board

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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

This document is digitally signed and sealed. The digital signature can be verified in the blue ribbon at the top of the electronic version of this certificate.





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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-1901275-02 dated 25 January 2018 that includes 25 pages;
- No. NMI-1901275-04 dated 8 February 2018 that includes 25 pages;
- No. NMI-3773424-02 dated 22 November 2024 that includes 15 pages.

Production locations

ZENNER International GmbH & Co. KG
Heinrich-Barth-Straße 29
66115 Saarbrücken
Germany

ZENNER International GmbH & Co. KG
Talstraße 2
09619 Mulda
Germany

Zenner do Brasil Instrumentos
de Medição Ltda.
Rua Batrolomeu 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

Characteristics of the measuring instrument

In Table 1 the general characteristics of the measuring instrument are presented.

In Table 2 the characteristics of the family of instruments are presented.

The construction of the measuring instrument is recorded in the Documentation folder no. T11271-5

Table 1 General characteristics

Maximum pressure Atmos xxS	0,5 bar
Maximum pressure Atmos HP xxA	1,5 bar
Environmental classes	M1 / E1
Ambient temperature range	-25 – +55 °C; non condensing humidity
Gas temperature range	-25 – +55 °C
Orientation	Connection ports vertical
Intended for the measurement of	Gas volume

Table 2 General characteristics of the family of instruments

Meter size	G6	G10	G16	G25
Minimum flow rate Q_{\min} (m ³ /h)	0.06	0.1	0.16	0.25
Transitional flow rate Q_t (m ³ /h)	1	1.6	2.5	4
Maximum flow rate Q_{\max} (m ³ /h)	10	16	25	40
Overload flow rate Q_r (m ³ /h)	12	19,2	30	48
Indicating range (m ³)	xxxxx,xxx	xxxxxx,xx	xxxxxx,xx	xxxxxx,xx
Verification scale interval (m ³)	0,0002	0,002	0,002	0,002

Meter size	WG6	WG10	WG16	WG25
Minimum flow rate Q_{\min} (m ³ /h)	0.04	0.06	0.1	0.16
Transitional flow rate Q_t (m ³ /h)	1	1.6	2.5	4
Maximum flow rate Q_{\max} (m ³ /h)	10	16	25	40
Overload flow rate Q_r (m ³ /h)	12	19,2	30	48
Indicating range (m ³)	xxxxx,xxx	xxxxxx,xx	xxxxxx,xx	xxxxxx,xx
Verification scale interval (m ³)	0,0002	0,002	0,002	0,002



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Certificate history:

Revision	Date	Description of the modification
0	22 November 2024	Initial issue