

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 do Brasil Instrumentos
de Medição Ltda.
Rua Batolomeu de Gusmao
2444-Novo Hamburgo-RS
Brazil

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

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

Diaphragm gas meter
Type: Atmos IxxS / Atmos HP IxxA
(xx is G1.6, G2.5, G4 or WG2.5)

Characteristics

See page 3

Issuing Authority

NMi Certin B.V., OIML Issuing Authority NL1
3 June 2019


C. Oosterman
Head Certification Board

OIML Member State
The Netherlands

Number R 137/2012-B-NL1-19.05
Project number 2179202
Page 2 of 3

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.

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.

OIML Member State
The Netherlands

Number R 137/2012-B-NL1-19.05
Project number 2179202
Page 3 of 3

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-2179202-02 dated 3 June 2019 that includes 15 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	Atmos lxxS: 0,5 bar Atmos HP lxxA: 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
Minimum flow rate Q_{min} (m ³ /h)	0,016	0,025	0,04	0,016
Transitional flow rate Q_t (m ³ /h)	0,25	0,4	0,6	0,2
Maximum flow rate Q_{max} (m ³ /h)	2,5	4	6	6
Overload flow rate Q_r (m ³ /h)	3	4,8	7,2	7,2
Indicating range (m ³)	99999	99999	99999	99999
Verification scale interval (m ³)	0,0002	0,0002	0,0002	0,0002