OIML Certificate

OIML Member State
The Netherlands

Number R 137/2012-B-NL1-18.02
Project number 1901275

Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	ZENNER Metering Technology (Shanghai) Ltd. No.6558, East Yinggang Road Qingpu Industrial Zone 602030 Shanghai P.R. China
Identification of the certified type	A **diaphragm gas meter** Type: Atmos xxS (steel) / Atmos HP xxA (aluminium) (XX is G6, G10, G16, G25, WG6, WG10, WG16, WG25)
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.

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**
12 April 2018

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

OIML Member State
The Netherlands

Number R 137/2012-B-NL1-18.02
Project number 1901275

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.

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.
The construction of the measuring instrument is recorded in the Documentation folder no. T11271-2.

Table 1 General characteristics

Destined for the measurement of	Gas volume
Environmental classes	M1 / E1
Maximum pmax – Atmos xxS	0,5 bar
Maximum pmax – Atmos HP xxA	1,5 bar
Ambient temperature range	-25 – +55 °C
Gas temperature range	-25 – +55 °C
Designed for	Non condensing humidity

Table 2 General characteristics of the family of instruments

Meter size	G6	G10	G16	G25	WG6	WG10	WG16	WG25
Minimum flow rate Q_{min} (m^3/h)	0,06	0,10	0,16	0,25	0,04	0,06	0,10	0,16
Transitional flow rate Q_t (m^3/h)	1,0	1,6	2,5	4,0	1,0	1,6	2,5	4,0
Maximum flow rate Q_{max} (m^3/h)	10	16	25	40	10	16	25	40
Cyclic volume (dm^3)	2,5	5	8	15	2,5	5	8	15