OIML Certificate

OIML Member State
The Netherlands

Number R 137/2012-B-NL1-18.16
Project number 1902481

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 Shanghai P.R. China
Identification of the certified type	A **diaphragm gas meter** Type : xxS (steel)/ HP xxA (aluminium) (xx is G1.6, G2.5, G4 or WG2.5) Brand: Huajune
Characteristics	See page 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.

Issuing Authority **NMi Certin B.V., OIML Issuing Authority NL1**
2 November 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

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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.

Characteristics of the gas meter:
Table 1 gives the general characteristics of the meter type. Table 2 specify 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} [m³/h]	Minimum Q_{min} [m³/h]	Minimum Qt [m³/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 in account that the minimum value is not lower than the minimum value as indicated in the table above and that $Q_t \leq 0{,}1\ Q_{max}$.