OIML Certificate

OIML Member State
The Netherlands

Number R137/2012-NL1-26.04 revision 0
Project number 4147563

Issuing authority	NMi Certin B.V. Person responsible: M.Ph.D. Schmidt
p Manufacturer	Metreg Technologies GmbH Neckaraue 9 71686 Remseck Germany
Identification of the certified type	A **Rotary Displacement Gas Meter** Type: MRM
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 1,0

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**
9 October 2026

Certification Board

NMi Certin B.V.
Thijsseweg 11
2629 JA Delft
the Netherlands
T +31 88 636 2332
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

Reproduction of the complete document only is permitted.

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.

The conformity was established by the results of tests and examinations provided in the associated report(s):

- No. NMi-12200167-01 dated 2 November 2012 that includes 49 pages;
- No. NMi-12200167-02 dated 29 January 2013 that includes 56 pages;
- No. NMi-SO14204809-01 dated 7 April 2015 that includes 34 pages;
- No. NMi-2356380-02 dated 27 May 2022 that includes 16 pages;
- No. NMi-3531005-02 dated 20 April 2023 that includes 12 pages.

Characteristics of the measuring instrument
In Table 1 the general characteristics of the measuring instrument are presented.
In Tables 2 and 3 specify in detail the essential characteristics and verification scale interval. the characteristics of the family of instruments are presented.
The construction of the measuring instrument is recorded in the Documentation folder no. T10658-1.

Table 1 General characteristics

Table 1: General characteristics	
Destined for the measurement of	Gas volume
Mechanical class	M1
Electromagnetic class	Not applicable (the meter has no electronics)
Accuracy class	1,0
Maximum pressure	21 bar(g)
Ambient temperature range	-25 °C / +55 °C
Gas temperature range	-25 °C / +55 °C
Designed for humidity conditions	Not applicable (the meter has no electronics)
Orientation	Horizontal, vertical up and vertical down (all orientations)
Flow direction	Uni-directional (indicated with arrow)
Power supply voltage	Not applicable
Software identification	Not applicable

Flow rate range:
The flow rate range shall fulfill the following conditions:

Q_{max} / Q_{min}	Q_{max} / Q_t
≥ 50	≥ 10
≥ 5 and ≤ 50	≥ 5

Table 2 General characteristics of the family of instruments

Nominal diameter	Type	Cyclic volume	Q_{max}	Q_t	Q_{min}
[mm]		[dm³]	[m³/h]	[m³/h]	[m³/h]
25	G10	0,177	16	1,6	0,4
50	G16	0,210	25	2,5	0,5
	G25	0,283	40	2,0	0,5
	G40	0,566	65	3,25	0,4
	G65	0,708	100	5,0	0,5
80	G100	1,05	160	8,0	0,65
	G160-3“	2,78	250	12,5	1,6
100	G160-4“	2,78	250	12,5	1,6
	G250	4,20	400	20,0	2,0
	G400-4“	5,66	650	32,5	3,2
150	G400-6“	10,5	650	32,5	4,0
	G650	15,7	1000	50,0	10,0
200	G1000	19,7	1600	80,0	16,0

Table 3 Verification scale interval

Type	Number of drums		control-element
	Before the comma	Behind the comma	[m3]
G10 – G25	6	2	0,002
G40 – G400	7	1	0,02
G650 – G1000	8	0	0,2

Installation conditions:
For this rotary meter are no specific installation conditions applicable.

Certificate history:

Revision	Date	Description of the modification
Initial	9 October 2026	Parallel of R137/2021-A-NL1-23.02 rev 0. Scheme B to A, replacing R137-2012-NL1-15.03 with address change.