

OIML Member State
The Netherlands

Number R137/2012-NL1-17.04
Project number 16200852
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Issuing authority NMI Certin B.V.
Person responsible: C. Oosterman
Applicant and Manufacturer Metersit SRL
Viale dell'Industria, 31
35129 Padova
Italy
Identification of the certified type **A Thermal mass meter**
Type: x485xxx
Characteristics See page 2 and further

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.

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Issuing Authority **NMI Certin B.V., OIML Issuing Authority NL1**
11 May 2017


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OIML Certificate of Conformity

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

- No. NMI-16200387-02 dated 17 October 2016 that includes 61 pages.
- No. NMI-16200852-01 dated 8 May 2017 that includes 13 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. T10362-13.

Table 1 General characteristics

Destined for the measurement of	Gas volume of natural gas, type H or L
Environmental classes	M1 / E2
Accuracy class	1.5
Maximum pressure	500 mbar
Ambient temperature range	-25 – +55 °C
Gas temperature range	-25 – +55 °C
Designed for	Condensing humidity
Orientation	Horizontal
Power supply voltage	Battery powered



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	Version number	Checksum	Meter size
Software identification	E132	03EF	G4
	E167	D029	
	G182	A1A8	
	G192	18FB	
	G193	03B6	
I192	8F41	1CCF	
G194	5812	8096	
Software identification	A132	CA53	G6
	A167	7199	
	J182	BDC1	
	J192	3484	
	J193	4586	
	L192	D8DD	
	J194	5FFA	
	JL01	B0DE	
JL10	7EEA		
Software identification	B166	6CA4	G10
	B183	82D8	
	B192	B8EF	
	B194	22FA	
	BL01	BD57	
Software identification	F154	E336	G16
	F166	7D4C	
	C182	C9BE	
	C192	BC94	
	C194	F780	
	CL01	62F5	
Software identification	H154	6B95	G25
	H166	F29E	
	D182	E589	
	D192	E889	
	D194	416D	
	DL01	CBFE	



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Table 2 General characteristics of the family of instruments

Meter size	G4	G6	G10	G16	G25
Minimum flow rate Q_{\min} (m ³ /h)	0,04	0,06	0,1	0,16	0,25
Transitional flow rate Q_t (m ³ /h)	0,6	1	1,6	2,5	4
Maximum flow rate Q_{\max} (m ³ /h)	6	10	16	25	40
Overload flow rate Q_r (m ³ /h)	7,2	12	19,2	30	48
Minimum working pressure p_{\min} (bar a)	1	1	1	1	1
Maximum working pressure p_{\max} (bar a)	1,5	1,5	1,5	1,5	1,5
Indicating range (m ³)	99999 or 999999	99999 or 999999	999999	999999	999999
Verification scale interval (m ³)	0,001	0,001	0,001	0,001	0,001
Nominal diameter [mm]	32	32	45	45	45