

OIML Member State

The Netherlands

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Issuing authority

NMi Certin B.V.

Person responsible:

C. Oosterman

Applicant and

MeteRSit

Manufacturer

Viale dell'Industria 31

35129 Padova

Italy

Identification of the

A Thermal mass meter

certified type

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

24 October 2016

C. Oosterman

Head Certification Board

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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.

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. T10362-11.

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																	
E167	+														Version number	Checksum	Meter size
E167	+														F132	03FF	+ + + + + +
G182	+																+ + + + + +
G192 G193 O3B6 G194 G194 GLCF GL01 S812 A132 CA53 A167 7199 J182 BDC1 J192 A586 J193 A586 J193 A586 J193 A586 J193 A586 J193 A586 J193 A586 J194 SFFA JL01 B0DE Software identification B166 GCA4 B183 B2D8 B8FF G10 B183 B192 B8FF B194 22FA BL01 BD57 B194 22FA BL01 BD57 B194 C182 C9BE C192 BC94 C194 F780 CL01 G2F5 G16 G2F5 G25 D192 E889 G25	+																
G193	+																
1192	+																G4
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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} (m³/h)	0,04	0,06	0,1	0,16	0,25
Transitional flow rate Q _t (m³/h)	0,6	+ + + + +	1,6	2,5	+ + 4 + +
Maximum flow rate Q _{max} (m³/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 † † † † 1,5 † †	† †1,5 † †
Indicating range (m³)	99999 or 999999	99999 or + 999999 +	999999	999999	999999
Verification scale interval (m³)	0,001	0,001	0,001	0,001	0,001
Nominal diameter [mm]	32	32	45	45	45