

**OIML Member State**  
The Netherlands

Number R137/2012-A-NL1-21.01  
Project number 2505001  
Page 1 of 2

Issuing authority

NMi Certin B.V.  
Person responsible: M. Boudewijns

Applicant

Elster GmbH  
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49504 Lotte  
Germany

Manufacturer

Elster GmbH  
Strothweg 1  
49504 Lotte  
Germany

Identification of the certified type

**A Diaphragm gas meter**  
Type: BK-GxxM  
(xx is 6,10,16, 25)

Characteristics

See page 2 and further

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

1,5

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**  
14 January 2021

Certification Board

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

- No. NMI-2505001-01 dated 13 January 2021 that includes 42 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.

**Table 1 General characteristics**

Destined for the measurement of	Gas volume
Environmental classes	M1 / E1
Accuracy class	1,5
Maximum pressure	0,5 bar
Ambient temperature range	-10 – +55 °C
Gas temperature range	-10 – +55 °C
Designed for	Condensing humidity
Orientation	Connection ports vertical

**Table 2 General characteristics of the family of instruments**

Meter size	G6	G10	G16	G25
Minimum flow rate $Q_{min}$ (m <sup>3</sup> /h)	0.060	0.1	0.160	0.25
Transitional flow rate $Q_t$ (m <sup>3</sup> /h)	1	1.6	2.5	4
Maximum flow rate $Q_{max}$ (m <sup>3</sup> /h)	10	16	25	40
Overload flow rate $Q_r$ (m <sup>3</sup> /h)	12	19.2	30	48
V cyclic (dm <sup>3</sup> )	2	6	6	12
Indicating range (m <sup>3</sup> )	99999	999999		
Verification scale interval (m <sup>3</sup> )	0,0002	0,002		

### Ancillary devices

The meter may be equipped with the following ancillary device:

- Absolut-Encoder AE5.