

OIML Member State
The Netherlands

Number R137/2012-NL1-17.08 revision 2
Project number 15200380
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Issuing authority Person responsible: NMi Certin B.V.
C. Oosterman

Applicant and Manufacturer: Daesung Measuring CO., LTD.
5, Taebong 1-gil, Hogyemyeon
Mungyeong-si, Gyeongsangbuk-do 36931
South Korea

Identification of the certified type: **A diaphragm gas meter**
Type: DSM GxR

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**
7 November 2017



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

- No. NMI-15200380-02 dated 29 September 2017 that includes 44 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. T10708-1.

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 |

Table 2 General characteristics of the family of instruments

| Meter size | G1,6 | G2,5 | G4 | G6 |
|---|--------|--------|--------|--------|
| Minimum flow rate Q_{\min} (m ³ /h) | 0,016 | 0,025 | 0,04 | 0,06 |
| Transitional flow rate Q_t (m ³ /h) | 0,25 | 0,4 | 0,6 | 1 |
| Maximum flow rate Q_{\max} (m ³ /h) | 2,5 | 4 | 6 | 10 |
| Overload flow rate Q_r (m ³ /h) | 3 | 4,8 | 7,2 | 12 |
| Indicating range (m ³) | 9999 | 99999 | 99999 | 99999 |
| Verification scale interval (m ³) | 0,0002 | 0,0002 | 0,0002 | 0,0002 |



OIML Certificate of Conformity

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| Revision | Date | Description of the modification |
|----------|-----------------|---|
| Initial | 24 October 2017 | - |
| 1 | 30 October 2017 | Typing error in date of test report NMI-15200380-02 |
| 2 | 7 November 2017 | Change of manufacturers- and applicant address and change in verification scale interval. |