

**OIML Member State**  
The Netherlands

Number R60/2000-A-NL1-18.06  
Project number 1902039  
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Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	Changzhou Longwen Measurement Co., Ltd 8 Hushan road, Furong, Henshanqiao town, Wujin district 213118 Changzhou, Jiangsu Peoples Republic of China
Identification of the certified type	A <b>bending beam load cell</b> , with strain gauges Type : LB...
Characteristics	See next page

This OIML Certificate is issued under scheme A.

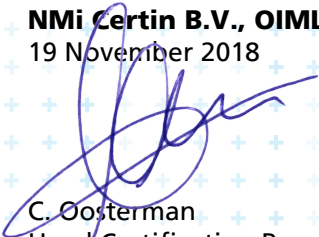
This Certificate attests the conformity of the above identified Type (represented by the sample(s) identified in the OIML Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

**OIML R 60** - Edition 2000 (E) for accuracy class C

This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation above-identified.  
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**  
9 April 2018



C. Oosterman  
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The conformity was established by the results of tests and examinations provided in the associated OIML Test Report:

- No. NMI-1902039-01 dated 9 April 2018 that includes 27 pages.

**Characteristics of the load cell:**

Maximum capacity ( $E_{max}$ )	181,4 kg up to and including 453,6 kg
Minimum dead load	0 kg
Accuracy Class	C
Rated Output	2,6 mV/V
Maximum number of load cell intervals (n) <sup>(1)</sup>	4000
Ratio of minimum LC Verification interval <sup>(1)</sup> $Y = E_{max} / V_{min}$	14000
Ratio of minimum dead load output return <sup>(1)</sup> $Z = E_{max} / (2 * DR)$	4000
Input impedance	1175 $\Omega \pm 50 \Omega$
Temperature range	+ 10 °C / + 40 °C
Fraction $p_{LC}$	0,7
Humidity Class	CH
Safe overload	150 % of $E_{max}$
Output impedance	1000 $\Omega \pm 5 \Omega$
Recommended excitation	10 V DC
Excitation maximum	15 V DC
Transducer material	Aluminum
Atmospheric protection	Epoxy coated

Remark:

1. The characteristics for  $n_{max}$ , Y and Z can be reduced separately.

Each load cell produced is provided with an accompanying document with information about its characteristics.