

Physikalisch-Technische Bundesanstalt

Braunschweig und Berlin

Member State of OIML
Germany



OIML Certificate N°
R60/2000-DE1-09.01

OIML CERTIFICATE OF CONFORMITY

Issuing Authority

Name: Physikalisch-Technische Bundesanstalt
Address: Bundesallee 100, 38116 Braunschweig
Person responsible: Dr. Panagiotis Zervos

Applicant

Name: Keli Electric Manufacturing (Ningbo) Co. Ltd.
Address: NO. 199 Changxing Road
315033 Ningbo, Jiangbei District

China

Manufacturer of the certified type is the applicant.

Identification of the certified type

Strain gauge double bending beam load cell
Type: AMI

Further characteristics see page 2

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

R60, edition 2000
for accuracy class C3

This Certificate relates only to the metrological and technical characteristics of the type of instrument covered by the relevant OIML Recommendation identified above.

This Certificate does not bestow any form of legal international approval.

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The conformity was established by the results of tests and examinations provided in the associated Test Reports

No. 1.12-4040481-1 that includes 22 pages
No. 1.12-4040481-2 that includes 20 pages

The Issuing Authority

Dr. P. Zervos
Direktor und Professor

30.07.2009

The OIML Member

Dr. R. Schwartz
Direktor und Professor

30.07.2009

The load cells of the series AMI are double bending beam load cells made of aluminium. The strain gauge application is potted.

The metrological characteristics for application in approved weighing instruments are listed in table 1.

Table 1: Essential data

Accuracy class		C3
Maximum number of load cell intervals n_{LC}		3000
Rated output	mV/V	2
Maximum capacity E_{max}	kg	8 / 10 / 15 / 20 / 30 / 35 / 40
Minimum load cell verification interval $\frac{V_{min}}{(E_{max} / Y)}$		$E_{max} / 10000$

Dead load: $0\% \cdot E_{max}$; Safe overload: $150\% \cdot E_{max}$; Input impedance: 404Ω ; Fraction: $p_{LC} = 0.7$

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