



OIML Certificate of Conformity

OIML Member State
The Netherlands

Number R60/2000-NL1-17.17
Project number 1900650
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Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	MinebeaMitsumi Inc. 1-1-1, Katase Fujisawa-shi, Kanagawa-ken 251-8531 Fujisawa Japan
Identification of the certified type	A shear beam load cell , with strain gauges. Type : C2T1
Characteristics	See next page

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 R60 - 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**
17 March 2017



C. Oosterman
Head Certification Board

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

- No. NMI-10201043-01-R1 dated 28 April 2011 that includes 33 pages.

Characteristics of the load cell:

Maximum capacity (E_{max})	1000 kg
Minimum dead load	0 kg
Accuracy Class	C
Rated Output	2,0 mV/V
Maximum number of load cell intervals (n)	1000
Ratio of minimum LC Verification interval $Y = E_{max} / v_{min}$	2000
Ratio of minimum dead load output return $Z = E_{max} / (2 * DR)$	1000
Input impedance	$405 \Omega \pm 25 \Omega$
Temperature range	-10 °C / + 40 °C
Fraction p_{LC}	0,7
Humidity Class	NH
Safe overload	150 % of E_{max}
Output impedance	$350 \Omega \pm 3 \Omega$
Recommended excitation	10 V AC / DC
Excitation maximum	15 V AC / DC
Transducer material	Alloy steel
Atmospheric protection	Silicone and Butyl rubber coating

The characteristics for n_{max} and Y can be reduced separately.

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