

OIML Member State
The Netherlands

Number R60/2000-A-NL1-18-01
Project number 1901676
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Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	Curiotec Co., Ltd. 79 Myeong-bong-san-ro, 352 beon-gil, Goangtan-mueon, Paju-si, Gyeonggi-do, 413-855 South Korea
Identification of the certified type	A double ended shear beam load cell , with strain gauges. Type : CDSB-...
Characteristics	See next page

This OIML Certificate is issued under scheme A.

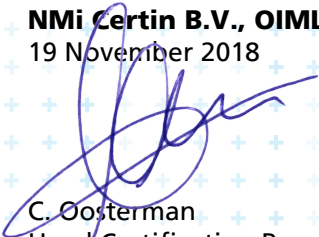
This Certificate attests the conformity of the above identified Type (represented by the sample(s) identified in the OIML Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

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.

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate was issued, partial quotation of the Certificate and of the associated OIML Test Report(s) is not permitted, although either may be reproduced in full.

Issuing Authority **NMi Certin B.V., OIML Issuing Authority NL1**
2 January 2018



C. Oosterman
Head Certification Board

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This document is issued under the provision that no liability is accepted and that the applicant shall indemnify third-party liability.

The notification of NMi Certin B.V. as Issuing Authority can be verified at www.oiml.org



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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-1901676-01 dated 2 January 2018 that includes 26 pages.

Characteristics of the load cell:

Maximum capacity (E_{max})	6 t up to and including 30 t
Minimum dead load	0 kg
Accuracy Class	C
Rated Output	2,0 mV/V
Maximum number of load cell intervals (n) ⁽¹⁾	1500
Ratio of minimum LC Verification interval ⁽¹⁾ $Y = E_{max} / V_{min}$	10000
Ratio of minimum dead load output return ⁽¹⁾ $Z = E_{max} / (2 * DR)$	1500
Input impedance	800 $\Omega \pm 50 \Omega$
Temperature range	-10 °C / + 40 °C
Fraction p_{LC}	0,7
Humidity Class	NH
Safe overload	150 % of E_{max}
Output impedance	700 $\Omega \pm 7 \Omega$
Recommended excitation	10 V DC
Excitation maximum	15 V DC
Transducer material	Alloy steel
Atmospheric protection	Urethane coating

Remarks:

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.

The above identified Type (represented by the sample(s) identified in the OIML Test Report) have been found to comply with the additional national requirements established by the United States of America (NIST Handbook 44 and NCWM Publication 14), included in the MAA Declaration of Mutual Confidence:

- R 60 DoMC-01 rev.0, Additional requirements from the United States;
- R 60 DoMC-02 rev.0, Additional requirements from the United States.