

OIML Member State
The Netherlands

Number R60/2000-A-NL1-20.04
Project number 2466416
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Issuing authority NMI Certin B.V.
Person responsible: M. Boudewijns

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Italy

Identification of the certified type A **compression load cell**, with strain gauges, equipped with electronics
Type : CPA

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
26 March 2020

Certification Board

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

- No. NMI-15200690-01 dated 30 March 2016 that includes 27 pages.

Characteristics of the load cell:

Maximum capacity (E_{max})	2000 kg up to and including 10000 kg
Minimum dead load	0 kg
Accuracy Class	C
Rated Output	2 mV/V
Maximum number of load cell intervals (n)	3000
Ratio of minimum LC Verification interval $Y = E_{max} / V_{min}$	10000
Ratio of minimum dead load output return $Z = E_{max} / (2 * DR)$	3000
Input impedance	1100 $\Omega \pm 50 \Omega$
Temperature range	-10 °C / +40 °C
Fraction p_{LC}	0,7
Humidity Class	CH
Safe overload	150 % of E_{max}
Output impedance	1000 $\Omega \pm 10 \Omega$
Recommended excitation	10 V AC / DC
Excitation maximum	15 V AC / DC
Transducer material	Stainless steel
Atmospheric protection	Welded seal

Remark:

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

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