



OIML Certificate of Conformity

OIML Member State
The Netherlands

Number R60/2000-NL1-17.10
Project number SO16203210
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Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	Scaime S.A.S. 294, rue Georges Charpak - CS 50501 74105 ANNEMASSE Cedex France
Identification of the certified type	A compression load cell , with strain gauges, equipped with electronics, Type : CB50X-DL.....
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.

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 March 2017



C. Oosterman
Head Certification Board

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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. R60/2000-NL1-06.09A dated 23 June 2006 that includes 55 pages;
- No. R60/2000-NL1-06.09B dated 4 September 2006 that includes 13 pages;
- No. NMI-16200545-01 dated 1 December 2016 that includes 16 pages.

Characteristics of the load cell:

Maximum capacity (E_{max})	15 t up to and including 75 t
Minimum dead load	0 t
Accuracy Class	C
Maximum number of load cell intervals (n)	5000
Ratio of minimum LC Verification interval $Y = E_{max} / V_{min}$	15000
Ratio of minimum dead load output return $Z = E_{max} / (2 * DR)$	8000
Temperature range	-10 °C / + 40 °C
Fraction p_{LC}	0,8
Humidity Class	CH
Safe overload	150 % of E_{max}
Recommended excitation	6 - 16 V DC
Excitation maximum	16 V DC
Transducer material	Stainless steel
Atmospheric protection	Stainless steel welded IP68
Electromagnetic environment class	E1 / E2
Number of counts for E_{max}	$\geq Y * 5 / p_{LC}$
Software identification	Version number: VA.5, VA5, VS.0, VS0 or V2.4

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.