



OIML Certificate



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Issuing authority NMi Certin B.V.

Person responsible: M. Boudewijns

Applicant and **SCAIME**

Manufacturer Technosite Altéa 294 rue G, Charpak

74100 Juvigny

Identification of the

certified type

A bending beam load cell, with strain gauges.

Type F60X

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 2017 (E) for accuracy class C

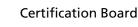
This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation above-identified. This Certificate does not bestow any form of legal international approval.

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Issuing Authority

NMi Certin B.V., OIML Issuing Authority NL1 21 September 2020



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

- No. NMi-2356874-01 dated 21 September 2020 that includes 51 pages;
- No. NMi-2356874-02 dated 21 September 2020 that includes 46 pages.

Characteristics of the load cell:

Characterization of load cell capabilities	Analog-passive load cell
Maximum capacity (E _{max})	10 kg up to and including 500 kg
Minimum dead load	0 kg
Accuracy Class	С
Rated Output	2 mV/V ± 0,1%
Maximum number of load cell intervals (n) (1)	6000
Ratio of minimum LC Verification interval $^{(1)}$ Y = E_{max} / v_{min}	20000
Ratio of minimum dead load output return $^{(1)}$ Z = E_{max} / (2 * DR)	10000
Input impedance	385 Ω ± 20 Ω
Temperature range (+)	-10 °C / + 40 °C
Fraction p _{LC}	0,7
Humidity Class	СН
Safe overload	150 % of E _{max}
Output impedance	350 Ω ± 5 Ω
Recommended excitation	1 - 10 V AC / DC
Excitation maximum	15 V AC / DC
Transducer material	Stainless steel
Atmospheric protection	Hermetically welded

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 Utilizer Declaration:

- R 60 OIML-CS rev.2 Additional requirements from the United States Accuracy class III L;
- R 60 OIML-CS rev.2 Additional requirements from the United States Marking requirements.