



OIML Member State

The Netherlands



Number R60/2017-A-NL1-21.32 revision 1 Project number 2619873

OIML Certificate

Issuing authority NMi Certin B.V.

Person responsible: M.Ph.D. Schmidt

Applicant and Flintec UK Limited

Manufacturer Caxton House, Caxton Place

CF23 8HG Cardiff United Kinadom

Identification of the certified type

A bending beam load cell, with strain gauges, tested as a part of a

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weighing instrument.

Registered trade name Flintec

PBW Type

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

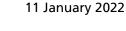
This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation above-identified. This Certificate does not bestow any form of legal international approval.

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Issuing Authority

NMi Certin B.V., OIML Issuing Authority NL1



Certification Board

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

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This document is digitally signed and sealed. The digital signature can be verified in the blue ribbon on top of the electronic version of this certificate.







NMi Certin B.V. Thiissewea 11 2629 JA Delft The Netherlands T +31 88 6362332 certin@nmi.nl www.nmi.nl







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

- No. NMi-2619873-01 revision 1 dated 10 January 2022 that includes 55 pages;
- No. NMi-2619873-02 revision 1 dated 10 January 2022 that includes 46 pages.

Characteristics of the load cell:

Analog-passive load cell	
5,7 kg up to 45,4 kg	45,4 kg up to and including 227 kg
01	кg
0,9 mV/V ± 0,1 % (o	
3000	
9000	13000
5000	
1180 Ω ± 50 Ω	
-10 °C /	+ 40 °C
0,	7
SH	
300 % of E _{max} , or 250 % (only for E _{max} > 109 kg)	
1000 Ω ± 10 Ω	
10 V AC / DC	
15 V AC / DC	
Alum	inium
Potted wit	th silicone
	5,7 kg up to 45,4 kg 0,9 mV/V ± 1,09 mV/V ± 0,1 % (o 30 9000 50 1180 Ω -10 °C / 0, Si 300 % o 250 % (only for 1000 Ω 15 V A Alumi

Remark:

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.







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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.

Revision History

This revision replaces the previous version(s).

Revision	Date	Change(s)
Initial	2021-09-10	Initial issue
1	2022-01-11	Revision to include reports with NTEP annex and update with Z=5000









