

OIML Member State
The Netherlands

Number R76/2006-A-NL1-20.08
Project number 2453486
Page 1 of 4

Issuing authority NMI Certin B.V.
Person responsible: M. Boudewijns

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Identification of the certified type **A Non-automatic weighing instrument**
Type : PCM, TS, M, M-Air, M-WS, PVS, PVS-U, PVM, PVM-U,
PVM-Air, PLP, HS, WS, H, TLV, HW, LCM

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 76 - Edition 2006 for accuracy class $\textcircled{\text{III}}$ or $\textcircled{\text{III}}$

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**
13 July 2020

Certification Board

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

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.



OIML Member State
The Netherlands

Number R76/2006-A-NL1-20.08
Project number 2453486
Page 2 of 4

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

Indicator:

- No. NMI-2283727-01 dated 15 April 2019 that includes 43 pages;
- No. NMI-2283727-02 dated 15 April 2019 that includes 22 pages;
- No. NMI-2283727-03 dated 15 April 2019 that includes 11 pages;
- No. NMI-2370113-01 dated 5 September 2019 that includes 10 pages;
- No. NMI-2370113-02 dated 5 September 2019 that includes 14 pages;
- No. NMI-2370113-03 dated 5 September 2019 that includes 17 pages.

Load cell BM:

- No. R60/2000-NL1-03.03A dated 21 January 2003 that includes 40 pages;
- No. R60/2000-NL1-03.03B dated 21 January 2003 that includes 38 pages;
- No. R60/2000-NL1-03.03A dated 21 January 2003 that includes 37 pages.

Load cell ILE-SS:

- No. NMI-11200809-02 dated 10 April 2012 that includes 27 pages.

Load cell ILEC-SS:

- No. PTB 1.12-4041659-1 dated 12 August 2009 that includes 22 pages.

Load cell MCT:

- No. NMI-15200268-01 rev.1 dated 29 September 2015 that includes 51 pages.

Load cell MLC 1A / MLC 1A MG:

- No. NMI-11200434-01 dated 26 November 2010 that includes 25 pages;
- No. NMI-11200434-02 dated 26 November 2010 that includes 27 pages.

Load cell SB:

- No. LXff2003-6002 dated 2 April 2003 that includes 18 pages.

Load cell UDA:

- No.1.12-4040888-1 dated 23 June 2009 that includes 22 pages.

Characteristics of the non-automatic weighing instrument:

Accuracy class	III or IIII
Maximum capacity	Depending on the load cell(s) used
Verification scale interval	Depending on the load cell(s) used
Temperature range	0 °C / +40 °C

The compatibility of load cells and indicator is established by the manufacturer by means of the compatibility of modules form, contained in OIML R 76 (2006) Annex F clause F.4, at the time of putting into use.

Characteristics of the indicator:

Accuracy class	III	
Weighing range(s)	Single interval Multi-interval	
Maximum number of scale intervals (one weighing range)	$n \leq 6000$	
Maximum number of scale intervals (multi-interval)	$n \leq 3000$ (per partial weighing range)	
Maximum number of partial weighing ranges	2	
Load cell excitation voltage	5 V DC	
Minimum signal input voltage	$U_{\min} = 0 \text{ mV}$	
Minimum input voltage per verification scale interval	0,3 μV	
Minimum load cell resistance	44 Ω	
Maximum load cell resistance	1050 Ω	
Fraction of the maximum permissible error	0,5	
Load cell connection	6-wire (remote sensing)	
Maximum value of the cable length per cross wire section between the indicator and the junction box or load cells	1463,7 m/mm ²	
Maximum number of load platforms	2	
Climatic environment	temperature range	0 °C / +40 °C
	humidity	non-condensing
	intended location	Closed
Electromagnetic environment class	E2	
Power supply voltage	230 V AC 50/60 Hz or 12 V DC by AC/DC adapter	
Software identification	Version number:	V-1.xx (xx is a number between 00 and 99)
	Checksum:	0bAdA3dC



OIML Member State
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OIML Certificate

Number R76/2006-A-NL1-20.08
Project number 2453486
Page 4 of 4

Characteristics of the load cells:

See OIML certificates:

- **BM**: R60/2000-NL1-03.03, dated 21 January 2003 that includes 2 pages;
- **ILE-SS**: R60/2000-NL1-12.04, dated 10 April 2012 that includes 2 pages;
- **ILEC-SS**: R60/2000-DE1-09.10, dated 13 August 2009 that includes 2 pages;
- **MC-CT**: R60/2000-A-NL1-18.26, dated 19 November 2018 that includes 2 pages;
- **MLC 1A / MLC 1A MG**: R60/2000-NL1-15.04, dated 19 March 2015 that includes 2 pages;
- **SB**: R60/2000-CN-03.03, dated 14 May 2003 that includes 3 pages;
- **UDA**: R60/2000-DE1-09.17, dated 23 July 2009 that includes 2 pages.