



OIML Certificate

OIML Member State
The Netherlands

Number R76/2006-A-NL1-25.19 revision 1
Project number 4138404
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Issuing authority

NMi Certin B.V.
Person responsible: M.Ph.D. Schmidt

Applicant and
Manufacturer

BALANCE SCALES
Industrial zone Sarafovo
8000 Burgas
Bulgaria

Identification of the
certified type

An **Indicator**
Type

Characteristics

See next page

: PRO

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 76-1:2006 for accuracy class (III) or (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.

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Issuing Authority

NMi Certin B.V., OIML Issuing Authority NL1
9 July 2026

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 reports:

- No. NMI-3799097-01 dated 4 September 2025 that includes 38 pages;
- No. NMI-3799097-02 dated 4 September 2025 that includes 22 pages;
- No. NMI-3799097-03 dated 4 September 2025 that includes 22 pages;
- No. NMI-3799097-04 dated 4 September 2025 that includes 9 pages;
- No. NMI-4087013-01 dated 7 July 2026 that includes 15 pages;
- No. NMI-4087013-02 dated 7 July 2026 that includes 24 pages.

Characteristics of the indicator:

Configuration	Analog load cells	Digital load cells
Accuracy class OIML R 76	III or IIII	III or IIII
Weighing ranges	Single interval Multiple range	Single interval Multiple range
Maximum number of scale intervals (one weighing range)	$n \leq 6000$	-
Maximum number of scale intervals (multiple range)	$n \leq 6000$ (per weighing range)	-
Maximum number of weighing ranges	2	2
Load cell excitation voltage	6 V DC	-
Load cell power supply voltage	-	18 V DC
Minimum signal input voltage	$U_{\min} = 0 \text{ mV}$	-
Minimum input voltage per verification scale interval	0,6 μV	-
Minimum load cell resistance	43 Ω	-
Maximum load cell resistance	2000 Ω	-
Fraction of the maximum permissible error	0,5	0
Load cell interface	6-wire with sense technology, may be configured as 4-wire	-
Maximum value of the cable length per cross wire section between the indicator and the junction box or load cells	400 m/mm ² In case sense technology is not used the load cells are connected directly without junction box or extension cable	-
Maximum number of load platforms	2	2



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Temperature range	-10 °C / +40 °C
Electromagnetic environment class	E2
Power supply voltage	100 – 240 V AC 50/60 Hz or 18 V DC (not suitable for a road vehicle power supply)
Software identification	Version number: V1.x and Version number: V2.x (x is a number between 0 and 9999)

Software:

- The identification number will be displayed at start-up or by pressing the keys in the sequence of 'SETUP → INDICATOR → CONFIG → SW.VERSION'.

Revision History

This revision replaces the previous version.

Revision	Date	Change(s)
0	2025-10-07	Initial issue.
1	2026-07-09	Evaluation of Combination of platforms as weighing range and adding new software identification. Increasing maximum loadcell impedance.