

**OIML Member State**  
The Netherlands

Number R76/2006-A-NL1-21.20  
Project number 2466397  
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Issuing authority NMI Certin B.V.  
Person responsible: M.Ph.D. Schmidt

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Identification of the certified type An **Indicator**  
Type

Characteristics See next page

: CI-170A

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 **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.

This certificate and supporting reports comply with the requirements of OIML-CS-PD-07 clause 6.2.

*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**  
8 April 2021

Certification Board

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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.



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

- No. TR: 693 dated 30 October 2015 that includes 36 pages;
- No. P01501 dated 24 February 2016 that includes 14 pages;
- No. NMI-2466397-01 dated 8 April 2021 that includes 31 pages.

### Characteristics of the indicator:

Configuration	Analog load cells
Accuracy class	Ⓜ or ⓂⓂ
Weighing range	Single interval
Maximum number of scale intervals	$n \leq 10000$
Load cell excitation voltage	5 V DC
Minimum signal input voltage	$U_{\min} = 0 \text{ mV}$
Minimum input voltage per verification scale interval	0,5 $\mu\text{V}$
Minimum load cell resistance	43 $\Omega$
Maximum load cell resistance	1200 $\Omega$
Fraction of the maximum permissible error	0,5
Load cell connection	4-wire
Maximum value of the cable length per cross wire section between the indicator and the junction box or load cells	The load cells are connected directly without junction box
Temperature range	-10 °C / +40 °C
Power supply voltage	12 – 24 V DC via AC/DC power supply
Software identification	Version number: V 1.xx (xx reflecting non-legally relevant changes)