

OIML Member State
The Netherlands

Number R76/2006-A-NL1-22.21 revision 1
Project number 3581610
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Issuing authority

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

Applicant and
Manufacturer

Shanghai Teraoka Electronics Co. Ltd.
No:6058 of Nan Ting Road
Ting Lin Town, Jin Shan District
Shanghai, China

Identification of the
certified type

An **Indicator**
Type : DI-770, DI-771, DI-772

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 76-1:2006 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.

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
9 January 2023

Certification Board

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

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.



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

- No. NMI-13200275-01 dated 11 August 2014 that includes 48 pages;
- No. NMI-16200476-01 dated 30 September 2016 that includes 19 pages;
- No. NMI-3581610-01 dated 9 December 2022 that includes 10 pages;
- No. NMI-3581610-02 dated 9 December 2022 that includes 17 pages.

Characteristics of the indicator:

Accuracy class	III and IIII
Maximum number of verification scale intervals	7500
Load cell excitation voltage	5 V DC
Minimum input voltage per verification scale interval	0,66 μ V
Minimum load cell resistance	85 Ω
Maximum load cell resistance	3,3 k Ω
Temperature range	0 $^{\circ}$ C / +40 $^{\circ}$ C (for DI-770, DI-771) -10 $^{\circ}$ C / +40 $^{\circ}$ C (for DI-772)
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 (6-wire system)	141 m/mm ²
Weighing ranges	Single interval Multi-interval
Maximum number of scale intervals (one weighing range)	$n \leq 7500$ divisions
Maximum number of scale intervals (multi-interval)	$n \leq 3000$ divisions (per partial weighing range)
Maximum number of partial weighing ranges	3
Power supply voltage	100 - 240 V AC 50/60 Hz
Maximum number of load platforms	2
Software identification	Version number: 1.xx (xx= 0099)

Software:

- The identification number will be displayed after pressing "Get AD version" key on the screen;



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Revision History

Revision	Date	Change(s)
0	2022-12-09	Initial issue.
1	2023-01-09	Textual change in type name of DI-77