OIML Certificate

OIML Member State
The Netherlands

Number R76/2006-A-NL1-18.05 revision 1
Project number 3572490

Issuing authority	NMi Certin B.V. Person responsible: M.Ph.D. Schmidt
Applicant and Manufacturer	Shanghai Teraoka Electronic Co.,Ltd. No.6058 of Nan Ting Road, Ting Lin Town Jin Shan District, Shanghai P.R. China
Identification of the certified type	An **Indicator** Type : DI-166 DI-166SS DI-166 (V2) DI-167
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 (IIII)

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
13 April 2023

Certification Board

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

- No. NMi-10200749-01 dated 29 March 2012 that includes 51 pages;
- No. NMi-10200749-02 dated 29 March 2012 that includes 12 pages;
- No. NMi-13200202-01 dated 3 June 2013 that includes 15 pages;
- No. NMi-13200544-01 dated 11 March 2014 that includes 29 pages;
- No. NMi-13200544-02 dated 11 March 2014 that includes 51 pages;
- No. NMi-1901688-01 dated 26 January 2018 that includes 12 pages;
- No. NMi-3572490-01 dated 12 April 2023 that includes 20 pages.

Characteristics of the indicator:

Accuracy class	(III) or (IIII)
Maximum number of verification scale intervals	$n \leq 7500$
Load cell excitation voltage	5 V DC
Minimum input voltage per verification scale interval	0,66 µV
Minimum load cell resistance	85 Ω
Maximum load cell resistance	3300 Ω
Temperature range	0 °C / +40 °C
Fraction of the maximum permissible error	0,5
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	110 m/mm^2 In case sense technology is not used the load cells are connected directly without junction box or extension cable
Weighing ranges	Single interval Multi-interval Multiple range
Power supply voltage DI-166, DI-166SS and DI-166 (V2)	220 – 240 V AC 50/60 Hz 6 V DC supplied by a battery
Power supply voltage DI-167	9 – 12 V DC supplied by an AC/DC adapter 6 V DC supplied by a battery
Software identification	Version number: 1.xx where xx represents the non-legal software part (xx can vary from 05 to 99)

Software:

- The identification number will be displayed at start-up;
- The indicator has embedded software.

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Revision History

This revision replaces the previous version.

Revision	Date	Change(s)
0	2018-01-26	Initial issue.
1	2023-04-13	Addition of new model DI-166 (V2)