



OIML Certificate

OIML Member State The Netherlands



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Issuing authority NMi Certin B.V.

Person responsible: M.Ph.D. Schmidt

Applicant and Shanghai Teraoka Electronic Co.,Ltd. Manufacturer

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 (III)

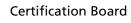
This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation above-identified. This Certificate does not bestow any form of legal international approval.

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 13 April 2023



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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.











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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	or (III)	
Maximum number of verification scale intervals	n ≤ 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	
emperature range 0 °C / +40 °C		
Fraction of the maximum permissible error	0,5	
pad 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)









