



OIML Certificate

OIML Member State
The Netherlands

Number R76/2006-A-NL1-18.27 revision 2
Project number 3756754
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Issuing authority

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

Applicant and
Manufacturer

Mettler-Toledo (Changzhou) Measurement Technology Ltd.
111 West Taihu Road
Xinbei District, Changzhou
Jiangsu 213125
Peoples Republic of China

Identification of the
certified type

An **Indicator**
Type : IND256x and IND256xx

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**

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
27 February 2024

Certification Board

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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-16200595-01 dated 14 March 2017 that includes 52 pages;
- No. NMI-16200595-02 dated 14 March 2017 that includes 11 pages;
- No. NMI-16200595-03 dated 14 March 2017 that includes 9 pages.

Characteristics of the indicator:

		Analog load cells
Accuracy class	OIML R 76	III
Weighing range(s)		Single interval Multi-interval Multiple range
Maximum number of scale intervals (one weighing range)		$n \leq 6000$ divisions
Maximum number of scale intervals (multi-interval)		$n \leq 6000$ divisions (per partial weighing range)
Maximum number of partial weighing ranges		3
Maximum number of scale intervals (multiple range)		$n \leq 6000$ divisions (per weighing range)
Maximum number of weighing ranges		3
Load cell excitation voltage		4,5 V DC
Minimum input voltage per verification scale interval		0,6 μ V
Minimum load cell resistance		87 Ω
Maximum load cell resistance		1050 Ω
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		No special cable length In case sense technology is not used the load cells are connected directly without junction box or extension cable
Temperature range		-10 °C / +40 °C



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Power supply voltage	187 – 250 V AC 50/60 Hz 18 - 30 V DC (only for IND256x) 10 V battery	
Software identification	Type	Version: (x is a number between 0 and 9)
	IND256x	1.xx.xxxx
	IND256xx	1.xx.xxxx

Revision History

This revision replaces the previous versions.

Revision	Date	Change(s)
0	2018-06-12	New OIML (former R76-200-NL1-17.13), software versions replaced
1	2021-06-24	Correction battery voltage from 12V to 10V, in line with test report NMI-16200595-03.
2	2024-02-27	Addition of IND256xx