

OIML Member State
The Netherlands

Number R76/2006-A-NL1-20.27
Project number 2395635
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Issuing authority NMI Certin B.V.
Person responsible: M. Boudewijns

Applicant and Manufacturer Mettler Toledo GmbH
Im Langacher 44
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Switzerland

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

Characteristics See next page

: IND570

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 **II** or **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
29 June 2020

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. NMI-13200606-01 dated 17 April 2014 that includes 53 pages;
- No. NMI-13200606-02 dated 17 April 2014 that includes 17 pages;
- No. NMI-13200606-03 dated 9 October 2015 that includes 9 pages;
- No. NMI-13200606-04 dated 9 October 2015 that includes 13 pages;
- No. NMI-13200606-05 dated 9 October 2015 that includes 10 pages;
- No. NMI-15200584-01 dated 16 June 2016 that includes 24 pages;
- No. NMI-2372754-01 dated 12 December 2019 that includes 9 pages;
- No. NMI-2395635-01 dated 29 June 2020 that includes 20 pages.

Characteristics of the indicator / terminal:

Configuration	Analog load cells	Analog load cells with ISB	Digital load cells or weighing modules
Accuracy class	OIML R 76	Ⓜ or ⓂⓂ	Ⓜ, ⓂⓂ or ⓂⓂⓂ
	OIML R 51	Y(a) or Y(b) XIII(x) or XIII(x)	Y(II), Y(a) or Y(b) XII(x), XIII(x) or XIII(x)
	OIML R 61	Ref (0,2)	
Maximum number of verification scale intervals	10000		-
Load cell excitation voltage	10 V DC	2,5 V DC	-
Load cell power supply voltage	-		12 V or 24 V DC
Minimum input voltage per verification scale interval	0,3 μ V	0,22 μ V	-
Minimum load cell resistance	29 Ω	87 Ω	-
Maximum load cell resistance	1236 Ω	3150 Ω	-
Fraction of the maximum permissible error	0,5		0
Load cell connection	6-wire		-
Maximum value of the cable length per cross wire section between the instrument and the junction box or load cells	482 m/mm ²	395 m/mm ²	-
Weighing range(s)	Single interval Multi-interval Multiple range		
Climatic environment	temperature range	-10 °C / +40 °C	+5 °C / +40 °C
	humidity	Non-condensing	
	intended location	Closed	
Electromagnetic environment class	E2		

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Power supply voltage	100 – 240 V AC 50/60 Hz 24 V DC
Application	Intended to be used for direct sales to the public

Software identification:

Description	Version	Remarks
Standard	1.xx.yyyy 2.xx.yyyy	For analog, IDNet and SICSPRO scale types
Standard	1.xx.yyyy 2.xx.yyyy 3.xx.yyyy	For POWERCELL scale types. Version 2.xx.yyyy adds recall of load cell firmware version; Version 3.xx.yyyy adds Hysteresis Compensation function.
Fill-570	1.xx.yyyy	Only for automatic gravimetric filling instruments, but not mandatory

(xx is a number between 00 and 99 representing major updates of the non legally relevant part of the software and yyyy is a number between 0000 and 9999 and represents minor updates of the non legally relevant part of the software)