



OIML Certificate

OIML Member State
The Netherlands

Number R76/2006-A-NL1-20.69 Revision 1
Project number 2493052
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Issuing authority NMI Certin B.V.
Person responsible: M. Boudewijns

Applicant and Manufacturer METTLER-TOLEDO Changzhou Measurement Technology Ltd.
No.111, West TaiHu Road,
Changzhou, Jiangsu, 213125
China

Identification of the certified type **Indicator / Terminal**
Type : IND360

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 - Edition 2006 for accuracy class **I** or **II** or **III** or **III1**

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.

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Issuing Authority **NMI Certin B.V., OIML Issuing Authority NL1**
2 March 2021

Certification Board

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

- No. NMI-2493052-01 revision 1 dated 1 March 2021 that includes 56 pages;
- No. NMI-2493052-02 revision 1 dated 1 March 2021 that includes 15 pages;
- No. NMI-2493052-03 revision 1 dated 1 March 2021 that includes 21 pages;
- No. NMI-2493052-04 revision 1 dated 1 March 2021 that includes 20 pages.

Characteristics of the indicator / terminal:

	Analog load cells	Digital load cells or Weighing modules	
		CANbus interface	SICSPro interface
Accuracy class OIML R 76	III or IIII	III or IIII	I, II, III or IIII
Weighing range(s)	Single interval		Single interval Multi-interval Multiple range
Maximum number of scale intervals (one weighing range)	$n \leq 10000$ divisions		$n \leq 1000000$ divisions
Maximum number of scale intervals (multi-interval or multiple range)	-		$n \leq 100000$ divisions (per (partial) weighing range)
Maximum number of weighing ranges	1		3
Load cell excitation voltage	5 V DC		-
Minimum signal input voltage	$U_{\min} = 0$ mV		-
Load cell power supply	-		12 V DC
Minimum input voltage per verification scale interval	0,3 μ V		-
Minimum load cell resistance	43 Ω		-
Maximum load cell resistance	1050 Ω		-
Fraction of the maximum permissible error	0,5		0
Load cell connection	6-wire (remote sensing)		-
Maximum value of the cable length per cross wire section between the indicator and the junction box or load cells	1571 m/mm ²		-
Temperature range	-10 °C / +40 °C		
Power supply voltage	100 – 240 V AC 50 - 60 Hz (for Harsh version), 20 - 28 V DC (not suitable for a road vehicle power supply)		

Software identification:

Description	Version	Remarks
Analog mainboard	1.xx.yyyy	-
POWERCELL mainboard	1.xx.yyyy	-
Precision mainboard	1.xx.yyyy	-

(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)

Revision History

This revision replaces the previous version.

Revision	Date	Changes
Initial	2020-12-24	Initial issue
1	2021-03-02	Type evaluation reports revised because of editorial changes