

**OIML Member State**  
The Netherlands

Number R76/2006-A-NL1-22.03 revision 0  
Project number 2657900  
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Issuing authority

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

Applicant and  
Manufacturer

Mettler Toledo GmbH  
Im Langacher 44  
8606 Greifensee  
Switzerland

Identification of the  
certified type

An **Indicator / terminal**  
Type : IND700

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 **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**  
12 April 2022

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-2657900-01 dated 12 April 2022 that includes 41 pages;
- No. NMI-2657900-02 dated 12 April 2022 that includes 20 pages.

**Characteristics of the indicator / terminal:**


Configuration	Analog load cells	Digital load cells or weighing module
Accuracy class	III or IIII	II or III or IIII
Weighing ranges	Single interval Multi-interval Multiple range	Single interval Multi-interval Multiple range
Maximum number of scale intervals (one weighing range)	$n \leq 6000$	$n \leq 100000$
Maximum number of scale intervals for multi-interval (per partial weighing range)	$n \leq 6000$	$n \leq 100000$
Maximum number of partial weighing ranges	3	3
Maximum number of scale intervals for multiple range (per weighing range)	$n \leq 6000$	$n \leq 100000$
Maximum number of weighing ranges	3	3
Load cell excitation voltage	10 V DC	-
Load cell power supply voltage	-	12 V DC provided by IND700 or 24 V DC by external power supply
Minimum signal input voltage	$U_{\min} = 0 \text{ mV}$	-
Minimum input voltage per verification scale interval	0,5 $\mu\text{V}$	-
Minimum load cell resistance	43 $\Omega$	-
Maximum load cell resistance	3300 $\Omega$	-
Fraction of the maximum permissible error	0,5	0
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	153,9 m/mm <sup>2</sup> In case sense technology is not used the load cells are connected directly without junction box or extension cable	-
Maximum number of load platforms	2	2

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Temperature range	-10 °C / +40 °C
Power supply voltage	100 - 240 V AC 50/60 Hz

**Software:**

- The identification number will be displayed by pressing the metrology status icon  at the top of the display area of the touch display;
- The indicator/terminal has loadable software and runs on a Windows operating system;
- See below table for details:

Software Module	Version	Remarks
Boot Service	Version V4.y.xx or 4.y.xx Thumbprint ID B827409295	The letters x and y are not relevant for legal metrology and can be represented by numbers or letters.
Scale Server	V4.y.xx	
Analog scale module	V1.xx.yyyy	
SICSpro module	V1.xx.yyyy	
Scale module POWERCELL	V3.xx.yyyy	

**Revision History**

Revision	Date	Changes
0	2022-04-12	Initial issue