

**OIML Member State**  
The Netherlands

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Project number 3971738  
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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 76-1:2006** 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 January 2026

**Certification Board**

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The conformity was established by the results of tests and examinations provided in the associated 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;
- No. NMI-3971738-01 dated 29 January 2026 that includes 29 pages;
- No. NMI-3971738-02 dated 29 January 2026 that includes 20 pages;
- No. NMI-3971738-03 dated 29 January 2026 that includes 20 pages.

**Characteristics of the indicator / terminal:**


| Configuration   |           | Analog load cells                                   | Digital load cells or weighing module                          |
|---|-----------|---|--|
| Accuracy class  | OIML R 76 | Ⓜ or ⓂⓂ   | Ⓜ or ⓂⓂ or ⓂⓂⓂ   |
|   | OIML R 51 | Y(a) or Y(b)  | Y(a) or Y(b)   |
|   | OIML R 61 | Ref(0,2)  | Ref(0,2)   |
| Weighing ranges   |           | Single interval<br>Multi-interval<br>Multiple range | Single interval<br>Multi-interval<br>Multiple range            |
| Maximum number of scale intervals (one weighing range)                            |           | $n \leq 10000$                                      | $n \leq 100000$  |
| Maximum number of scale intervals for multi-interval (per partial weighing range) |           | $n \leq 10000$                                      | $n \leq 100000$  |
| Maximum number of partial weighing ranges   |           | 3   | 3  |
| Maximum number of scale intervals for multiple range (per weighing range)         |           | $n \leq 10000$                                      | $n \leq 100000$  |
| 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  |

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|   |   |                 |
|---|---|-----------------|
| 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><br>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 for IND700-7,<br>4 for IND700-12  |                 |
| Climatic environment  | temperature range   | -10 °C / +40 °C |
|   | humidity  | Non-condensing  |
|   | intended location   | Closed          |
| Electromagnetic environment class   | E2  |                 |
| Power supply voltage  | 100 - 240 V AC 50/60 Hz, or<br>24 V DC  |                 |

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               | Version  | Remarks  |
|------------------------|--|--|
| Boot Service           | Version<br>V4.y.xx or 4.y.xx<br>V5.yy.xxx or 5.yy.xxx<br>V6.yy.xxx or 6.yy.xxx | The letters x and y are not relevant for legal metrology and can be represented by numbers or letters. |
|                        | Thumbprint ID  |  |
| Scale Server           | V4.y.xx<br>V5.yy.xxx or 5.yy.xxx<br>V6.yy.xxx or 6.yy.xxx                      |  |
| Analog Scale Module    | V1.x.yy<br>V2.x.yy   |  |
| SICSpro Scale Module   | V1.x.yy<br>V2.x.yy   |  |
| Powercell Scale Module | V4.x.yy<br>V5.x.yy   |  |

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## Revision History

This revision replaces the previous version.

| Revision | Date       | Change(s)  |
|----------|------------|--|
| 0        | 2022-04-12 | Initial issue.   |
| 1        | 2024-02-09 | Adding new Boot Service and Scale Server version. Correction of the software version number format.  |
| 2        | 2026-01-29 | Adding new A/D-board with n = 10000.<br>Adding new software versions that support automatic catchweighing and automatic gravimetric filling in addition to non-automatic weighing. |