

**OIML Member State**  
The Netherlands

Number R76/2006-A-NL1-21.35  
Project number 2630383  
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Issuing authority NMI Certin B.V.  
Person responsible: M.Ph.D. Schmidt

Applicant and Manufacturer Ohaus Corporation  
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United States of America

Identification of the certified type An **Indicator** Type : i-DT33P, i-DT33XW

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  $\textcircled{\text{III}}$  or  $\textcircled{\text{III}}$

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.

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Issuing Authority **NMI Certin B.V., OIML Issuing Authority NL1**  
25 October 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-2630383-01 dated 25 October 2021 that includes 51 pages;
- No. NMI-2630383-02 dated 25 October 2021 that includes 12 pages.

### Characteristics of the indicator:

	i-DT33P	i-DT33XW
Accuracy class	(III) or (III)	
Weighing ranges	Single interval Multi-interval	
Maximum number of scale intervals (one weighing range)	$n \leq 10000$	
Maximum number of scale intervals (multi-interval)	$n \leq 3000$ (per partial weighing range)	
Maximum number of partial weighing ranges	2	
Load cell excitation voltage	5 V DC	
Minimum input voltage per verification scale interval	1 $\mu$ V	
Minimum signal input voltage	$U_{\min} = 0$ mV	
Minimum load cell resistance	87,5 $\Omega$	
Maximum load cell resistance	1050 $\Omega$	
Fraction of the maximum permissible error	0,5	
Load cell connection	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	2472 m/mm <sup>2</sup> 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	
Power supply voltage	9 V DC 6 dry cells or 6 V DC rechargeable battery or 100-240 V AC 50/60 Hz	6 V DC rechargeable battery or 100-240 V AC 50/60 Hz
Software identification	Sr 1.xx (xx = 00...99 and represents the non-legally relevant software)	