

OIML Member State
The Netherlands

Number R76/2006-A-NL1-20.19
Project number 2480353
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Issuing authority NMI Certin B.V.
Person responsible: M. Boudewijns

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

Characteristics See next page

: i-DT61PW;
i-DT61XWE

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 **(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.

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Issuing Authority

NMI Certin B.V., OIML Issuing Authority NL1
24 December 2020

Certification Board

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

- No. NMI-2480353-01 dated 24 December 2020 that includes 43 pages;
- No. NMI-2480353-02 dated 24 December 2020 that includes 32 pages.

Characteristics of the Indicator:

	i-DT61PW	i-DT61XWE
Accuracy class	(III) or (III)	
Weighing range(s)	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	3,3 V DC	5 V DC
Minimum input voltage per verification scale interval	0,66 μ V	0,8 μ V
Minimum signal input voltage	$U_{\min} = 0$ mV	
Minimum load cell resistance	87,5 Ω	
Maximum load cell resistance	1140 Ω	
Fraction of the maximum permissible error	0,5	
Load cell connection	4- wire or 6-wire (remote sensing)	
Maximum value of the cable length per cross wire section between the indicator and the junction box or load cells	122 m/mm ² In case a 4-wire connection is used the load cells are connected directly without junction box	
Temperature range	-10 °C / +40 °C	
Power supply voltage	9 V DC dry battery	100 – 240 V AC 50/60 Hz
Software identification	Version number: 1.xx (xx=00...99)	Version number: 1.xx (xx=00...99)