

**OIML Member State**  
The Netherlands

Issuing authority NMI Certin B.V.  
Person responsible: M. Boudewijns

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Identification of the certified type An **Indicator**  
Type : BM400 or BM500

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 (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.

This certificate and supporting reports comply with the requirements of OIML-CS-PD-07 clause 6.2.

*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**  
15 January 2021

Certification Board

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This document is issued under the provision that no liability is accepted and that the applicant shall indemnify third-party liability.

The notification of NMI Certin B.V. as Issuing Authority can be verified at [www.oiml.org](http://www.oiml.org)

This document is digitally signed and sealed. The digital signature can be verified in the blue ribbon at the top of the electronic version of this certificate.



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

- No. NMI-2332688-01 dated 15 January 2021 that includes 52 pages;
- No. NMI-2332688-02 dated 15 January 2021 that includes 14 pages;
- No. NMI-2332688-03 dated 15 January 2021 that includes 18 pages;
- No. NMI-2332688-04 dated 15 January 2021 that includes 15 pages.

**Characteristics of the indicator:**

Configuration	Analog load cells	Digital load cells or weighing module
Accuracy class	OIML R 76	(III) or (III)
	OIML R 107	0,2 or 0,5 or 1 or 2
Weighing range(s)	Single interval Multi-interval	Single interval Multi-interval
Maximum number of scale intervals (one weighing range)	$n \leq 6000$	-
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	-
Load cell power supply voltage	-	5 V DC
Minimum signal input voltage	$U_{\min} = 0,05 \text{ mV}$	-
Minimum input voltage per verification scale interval	0,3 $\mu\text{V}$	-
Minimum load cell resistance	43 $\Omega$	-
Maximum load cell resistance	1149 $\Omega$	-
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	No special cable length	-
Maximum number of load platforms	2	8
Climatic environment	temperature range	0 °C / +40 °C
	humidity	Non-condensing
	intended location	Closed
Electromagnetic environment class	E2	
Power supply voltage	24 V DC supplied by 230 V 50/60 Hz AC/DC plug in power supply	



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# OIML Certificate

Number R76/2006-A-NL1-21.04  
Project number 2332688  
Page 3 of 3

Software identification	Version number	ETMETRO v1.0
	Checksum	0xD619

Software:

- The identification number will be displayed in the general settings menu. This menu is shown after pressing the key sequence  followed by .