

OIML Member State
The Netherlands

Number R76/2006-A-NL1-18.19
Project number 1902402
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Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	Hottinger Baldwin Messtechnik GmbH Im Tiefen See 45 D-64293 Darmstadt Germany
Identification of the certified type	An Indicator Type : WTX110
Characteristics	See next page

This OIML Certificate is issued under scheme A.

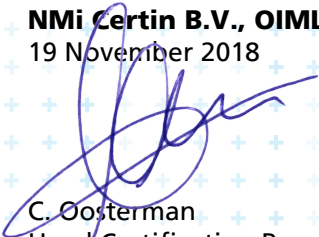
This Certificate attests the conformity of the above identified Type (represented by the sample(s) identified in the OIML Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

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.

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**
4 May 2018



C. Oosterman
Head 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



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The conformity was established by the results of tests and examinations provided in the associated OIML Test Report(s):

- No. NMI-13200671-01 dated 24 July 2014 that includes 57 pages;
- No. NMI-13200671-03 dated 24 July 2014 that includes 41 pages;
- No. NMI-14200392-01 dated 19 September 2014 that includes 32 pages;
- No. NMI-15200574-01 dated 22 July 2016 that includes 32 pages;
- No. NMI-15200574-02 revision 1 dated 16 September 2016 that includes 17 pages;
- No. NMI-15200574-03 dated 23 July 2016 that includes 26 pages;
- No. NMI-15200574-04 dated 16 September 2016 that includes 21 pages.

Characteristics of the indicator:

All configurations:

Climatic environment	temperature range	-10 °C / +40 °C
	humidity	non-condensing
	intended location	Closed
Mechanical environment class		M3
Electromagnetic environment class		E3
Power supply voltage		110 – 240 V AC 50/60 Hz External power supply 12 – 30 V DC Vehicle battery power supply 12 – 30 V DC
Software identification		Checksum: 15487782

Configuration with analog load cells:

Accuracy class	Ⓐ or Ⓑ		
Weighing range(s)	Single interval Multi-interval Multiple range		
Maximum number of partial weighing ranges	3		
Maximum number of weighing ranges	3		
Maximum number of scale intervals	without zener barriers		with zener barriers
	without tilt compensation	with tilt compensation	without tilt compensation
	n ≤ 10000	n ≤ 3000	n ≤ 6200
Load cell excitation voltage	5 V square wave		4,1 V square wave without load cell(s) connected
Minimum input voltage per verification scale interval	0,33 µV		0,66 µV
Minimum load cell resistance	43 Ω		87,5 Ω



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Maximum load cell resistance	3,3 k Ω	
Fraction of the maximum permissible error	0,5	
Load cell connection	Remote sensing on both 6-wire and 4-wire load cells	
Maximum value of the cable length per cross wire section between the instrument and the junction box or load cells	202 m/mm ²	3846 m/mm ²
Maximum number of load platforms	2	

Configuration with digital load cells or weighing modules:

Accuracy class	Matching the accuracy class of the digital load cell or weighing module
Weighing range(s)	Single interval Multi-interval Multiple range
Maximum number of partial weighing ranges	3
Maximum number of weighing ranges	3
Load cell power supply	12 V DC
Fraction of the maximum permissible error	0
Maximum number of load platforms	2