

OIML Member State
The Netherlands

Number R60/2000-NL1-16.07
Project number 14200339
Page 1 of 2

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	A single point load cell , with strain gauges, equipped with electronics Type : PW15 AHI, PW15IA
Characteristics	See next page

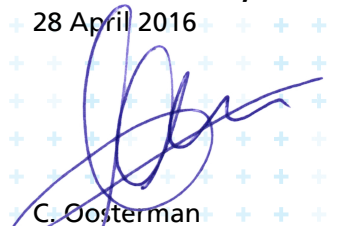
This Certificate attests the conformity of the above identified Type (represented by the sample(s) identified in the OIML Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R60 - Edition 2000 (E) for accuracy class C

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**
28 April 2016



C. Oosterman
Head Certification Board

NMi Certin B.V.
Hugo de Grootplein 1
3314 EG Dordrecht
the Netherlands
T +31 78 6332332
certin@nmi.nl
www.nmi.nl

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

Parties concerned can lodge objection against this decision, within six weeks after the date of submission, to the general manager of NMi (see www.nmi.nl).



OIML Member State
The Netherlands

Number R60/2000-NL1-16.07
Project number 14200339
Page 2 of 2

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

- No. NMI-11200783-01 dated 25 May 2012 that includes 38 pages;
- No. NMI-11200783-02 dated 25 May 2012 that includes 16 pages;
- No. NMI-14200321-01 dated 11 December 2015 that includes 59 pages;
- No. NMI-14200321-02 dated 11 December 2015 that includes 56 pages;
- No. NMI-14200321-03 dated 11 December 2015 that includes 9 pages.
- No. NMI-14200339-01 dated 26 April 2016 that includes 20 pages.

Characteristics of the load cell:

Maximum capacity (E_{max})	10 kg up to and including 50 kg
Minimum dead load	0 kg
Accuracy Class	C
Maximum number of load cell intervals (n)	4000
Ratio of minimum LC Verification interval $Y = E_{max} / V_{min}$	10000
Ratio of minimum dead load output return $Z = E_{max} / (2 * DR)$	4000
Temperature range	-10 °C / +40 °C
Fraction p_{LC}	0,8
Humidity Class	CH
Safe overload	150 % of E_{max}
Recommended excitation	24 V DC
Excitation range	12 - 30 V DC
Transducer material	Stainless steel
Atmospheric protection	Hermetical sealed
Electromagnetic environment class	E2
Number of counts for E_{max}	$\geq Y * 5 / p_{LC}$
Software identification	Version number: P64, P7x Version number: 80, checksum 240413

The characteristics for n_{max} and Y can be reduced separately.

Each produced load cell is provided with an accompanying document with information about its characteristics.