

OIML Member State
The Netherlands

Number R76/2006-NL1-16.35
Project number 14200646
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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 Analog data processing device (ADPD) Type : PAD-400xA
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 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**
14 June 2016



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

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).



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

- No. NMI-14200646-01 dated 13 June 2016 that includes 43 pages;
- No. NMI-14200646-02 dated 13 June 2016 that includes 17 pages.

Characteristics of the analog data processing device:

Accuracy class	(III) or (III)	
Weighing ranges	Single interval Multiple range	
Maximum number of scale intervals (one weighing range)	$n \leq 6000$ divisions	
Maximum number of scale intervals (multiple range)	$n \leq 3000$ divisions (per weighing range)	
Maximum number of weighing ranges	2	
Load cell excitation voltage	5 V AC square wave	
Minimum input voltage per verification scale interval	0,5 μ V	
Minimum load cell resistance	300 Ω	
Maximum load cell resistance	900 Ω	
Fraction of the maximum permissible error	0,5	
Load cell connection	4-wire	
Maximum value of the cable length between the ADPD and the junction box or load cells	3 m	
Climatic environment	temperature range	-10 °C / +40 °C
	humidity	non-condensing
Electromagnetic environment class	E2	
Power supply voltage	12 – 30 V DC	
Software identification	Version number: 80 Checksum: 240413	