

**OIML Member State**  
The Netherlands

Number R76/2006-A-NL1-19.36 Revision 1  
Project number 2623826  
Page 1 of 2

Issuing authority NMI Certin B.V.  
Person responsible: M.Ph.D. Schmidt

Applicant and Manufacturer Hottinger Brüel & Kjaer 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 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**  
31 March 2022

Certification Board

NMI Certin B.V.  
Thijsseweg 11  
2629 JA Delft  
The Netherlands  
T +31 88 6362332  
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](http://www.oiml.org)

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



The conformity was established by the results of tests and examinations provided in the associated OIML 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;
- No. NMI-2623826-02 dated 31 March 2022 that includes 8 pages.

### Characteristics of the indicator:

Configuration	Analog load cells	
Accuracy class	III or IIII	
Weighing range(s)	Single interval Multiple range	
Maximum number of scale intervals (one weighing range)	$n \leq 6000$	
Maximum number of scale intervals (multiple range)	$n \leq 3000$ (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 $\mu$ V	
Minimum load cell resistance	300 $\Omega$	
Maximum load cell resistance	900 $\Omega$	
Load cell interface	4-wire	
Maximum value of the cable length per cross wire section 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 or Version number: 81, Checksum: 244554	

### Revision History

This revision replaces the previous version.

Revision	Date	Change(s)
Initial	2019-07-09	-
1	2022-03-31	Added software version