



Physikalisch-Technische Bundesanstalt
Braunschweig und Berlin

OIML Member State

Germany

OIML Certificate No.

R60/2017-A-DE1-21.02, Revision 1

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority

Name: Physikalisch-Technische Bundesanstalt,
Conformity Assessment Body
Address: Bundesallee 100, 38116 Braunschweig, GERMANY
Person responsible: Dr.-Ing. Prof. h. c. Frank Härtig

Applicant

Name: Hottinger Brüel & Kjaer GmbH
Address: Im Tiefen See 45
64293 Darmstadt
Deutschland

Manufacturer

Name: Hottinger Brüel & Kjaer GmbH
Address: Im Tiefen See 45
64293 Darmstadt
Deutschland

Identification of the certified type *(the detailed characteristics will be defined in the additional pages)*

Load cell
Type: C16A...

Designation of the module *(if applicable)*

Analogue load cell

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

OIML R 60

Edition (year): 2017

For accuracy class (if applicable): C5, C4, C3, D1

**OIML Certificate No.
R60/2017-A-DE1-21.02, Revision 1**

This OIML Certificate relates only to metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML Recommendation identified above.

This OIML Certificate does not bestow any form of legal international approval.

The conformity was established by the results of tests and examinations provided in the associated OIML type evaluation report:

No. PTB-1.12-4098502, Revision 1, dated 26.04.2024 that includes 10 pages

The technical documentation relating to the identified type is contained in documentation file:

No. ZDS-R60/2017-A-DE1-2021.02 dated 26.04.2024 that includes 2 pages

OIML Certificate History

Revision No.	Date	Description of the modification
---	28.06.2021	First issuance
1	26.04.2024	Editorial corrections

Identification, signature and stamp

The Issuing Authority



Jonas Mecke

Member of Conformity Assessment Body

Date: 26.04.2024

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Accuracy class			D1		C3		
Rated output	mV/V		2		2		
Max. number of load cell intervals	n_{LC}		1000		3000		
Maximum capacity	E_{max}	t	7.5/15/20/30/40/60/100/200	7.5/15/20/30/40	60	100/200	
Minimum load cell verification interval	$V_{min} = (E_{max} / Y)$	1)	$E_{max} / 5000$	$E_{max} / 10000$	$E_{max} / 12000$	$E_{max} / 5988$	
Opt. minimum load cell verification interval	$V_{min} = (E_{max} / Y)$	1)	-		$E_{max} / 20000$		

Accuracy class			C4			C5		
Rated output	mV/V		2			2		
Max. number of load cell intervals	n_{LC}		4000			5000		
Maximum capacity	E_{max}	t	7.5/15/20/30/40	60	100/200	7.5/15/20/30/40	60	100/200
Minimum load cell verification interval	$V_{min} = (E_{max} / Y)$	1)	$E_{max} / 10000$	$E_{max} / 12000$	$E_{max} / 5988$	$E_{max} / 10000$	$E_{max} / 12000$	$E_{max} / 5988$
Opt. minimum load cell verification interval	$V_{min} = (E_{max} / Y)$	1)	$E_{max} / 20000$					

1) V_{min} is indicated on the name plate

Minimum dead load: $0\% \cdot E_{max}$; Safe overload: $150\% \cdot E_{max}$;

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated OIML type evaluation report(s) is not permitted, although either may be reproduced in full.