OIML Member State Germany	**OIML Certificate No.** **R60/2017-A-DE1-2021.02**

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. Harry Stolz

Applicant

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

Manufacturer

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

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)*

Analog 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-DE1-2021.02

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. 1.12-4098502 dated 28.06.2021 that includes 9 pages

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

No. ZDS-R60/2017-A-DE1-2021.02 dated 28.06.2021 that includes 2 pages

OIML Certificate History

Revision No.	Date	Description of the modification
---	28.06.2021	First issuance

Identification, signature and stamp

The Issuing Authority **The CIML Member**

Dr. Oliver Mack

Member of Conformity Assessment Body

Dr. Frank Lienesch

CIML member

Date: 28.06.2021

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Table 1: Essential data

Accuracy class			D1	C3		
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		
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%·E_{max}; Safe overload: 150%·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.