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| **OIML Member State**<br>Germany | **OIML Certificate No.**<br>**R60/2000-A-DE1-2020.02** |

# OIML CERTIFICATE ISSUED UNDER SCHEME A

**OIML Issuing Authority**

| | |
|---|---|
| Name: | Physikalisch-Technische Bundesanstalt,<br>Conformity Assessment Body |
| Address: | Bundesallee 100, 38116 Braunschweig, GERMANY |
| Person responsible: | Hon.-Prof. Dr. R. Schwartz |

**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: C16i...

**Designation of the module** *(if applicable)*

Digital 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): 2000

For accuracy class (if applicable): C

**OIML Certificate No.**
**R60/2000-A-DE1-2020.02**

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. 1.12-4093933 dated 27.11.2020 that includes 7 pages

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

No. ZDS-R60/2000-A-DE1-2020.02 dated 27.11.2020 that includes 2 pages

**OIML Certificate History**

| Revision No. | Date | Description of the modification |
|---|---|---|
| First issuance | 27.11.2020 | --- |
| | | |
| | | |
| | | |

Identification, signature and stamp

**The Issuing Authority**

Dr. Oliver Mack

Member of Conformity Assessment Body

Date: 27.11.2020

**The CIML Member**

Hon.-Prof. Dr. R. Schwartz

PHYSIKALISCH-TECHNISCHE BUNDESANSTALT 78

Table 1: Essential data

| Accuracy class | | | D1 | C3 | | C4 | | C5 | | C6 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Max. number of load cell intervals | $n_{LC}$ | | 1000 | 3000 | | 4000 | | 5000 | | 6000 | |
| Maximum capacity | $E_{max}$ | t | 20/30/40/60 | 20/30/40 | 60 | 20/30/40 | 60 | 20/30/40 | 60 | 20/30/40 | 60 |
| Minimum load cell verification interval | $v_{min} = (E_{max} / Y)$ | 1) | $E_{max}$ / 5000 | $E_{max}$ / 10000 | $E_{max}$ / 12000 | $E_{max}$ / 10000 | $E_{max}$ / 12000 | $E_{max}$ / 10000 | $E_{max}$ / 12000 | $E_{max}$ / 10000 | $E_{max}$ / 12000 |
| Opt. minimum load cell verification interval | $v_{min} = (E_{max} / Y)$ | 1) | $E_{max}$ / 20000 | | | | | | | | |

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.