



OIML Member State

Germany

OIML Certificate No.

R60/2021-A-DE1-24.05

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: SP4Mi

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): 2021

For accuracy class (if applicable): C3

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R60/2021-A-DE1-24.05

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. KBS 2-4.3-TER-06.02.03/354#0001-0051 dated 11.04.2025 that includes 7 pages

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

No. ZDS-R60/2021-A-DE1-24.05 dated 11.04.2025 that includes 2 pages

OIML Certificate History

| Revision No. | Date | Description of the modification |
|--------------|------------|---------------------------------|
| 0 | 11.04.2025 | Initial issuing |
| | | |
| | | |
| | | |

Digital signature

The Issuing Authority



Dr.-Ing. Oliver Mack

Member of Conformity Assessment Body

Date: 11.04.2025

Table 1: Essential data

| | | | | | | | | | | | |
|---|---------------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Accuracy class | | C3 | | | | | | | | | |
| Max. number of load cell intervals | n_{LC} | | 3000 | | | | | | | | |
| Maximum capacity | E_{max} | kg | 10 | 15 | 20 | 30 | 50 | 75 | 100 | 150 | 200 |
| Minimum load cell verification interval | $v_{min} = (E_{max} / Y)$ | ¹⁾ | $E_{max} / 10.000$ | $E_{max} / 10.000$ | $E_{max} / 10.000$ | $E_{max} / 10.000$ | $E_{max} / 10.000$ | $E_{max} / 10.000$ | $E_{max} / 10.000$ | $E_{max} / 10.000$ | $E_{max} / 10.000$ |

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.