

Physikalisch-Technische Bundesanstalt

Braunschweig und Berlin

Member State of OIML
Germany



OIML Certificate No°
R60/2000-DE1-10.05

OIML CERTIFICATE OF CONFORMITY

Issuing Authority

Name: Physikalisch-Technische Bundesanstalt
Address: Bundesallee 100, 38116 Braunschweig
Person responsible: Dr. Dirk Ratschko

Applicant

Name: Hottinger Baldwin Messtechnik GmbH
Address: Im Tiefen See 45
64293 Darmstadt
Germany

Manufacturer of the certified type is the applicant.

Identification of the certified type Strain gauge single point load cell

Type: PW25

Further characteristics see page 2

This Certificate attests the conformity of the above identified type (represented by the sample or samples identified in the associated Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

R60, edition 2000
for accuracy class C3MR

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

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

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The conformity was established by the results of tests and examinations provided in the associated Report and Test Report.

Report No. 1.12-4045437
Test Report No. 1.12-4045437-1

that includes 6 pages
that includes 22 pages

The Issuing Authority

Dr. D. Ratschko
Oberregierungsrat

03.08.2010

The OIML Member

Dr. R. Schwartz
Direktor und Professor

03.08.2010

The load cells of the series PW25 are single point load cells made of stainless steel. The strain gauge application is hermetically sealed.

The metrological characteristics for application in approved weighing instruments are listed in table 1.

Table 1: Essential data

Accuracy class			C3MR
Maximum number of load cell intervals	n_{LC}		3000
Rated output		mV/V	2
Maximum capacity	E_{max}	kg	10 / 20
Minimum load cell verification interval	$V_{min} = (E_{max} / Y)$		$E_{max} / 10000$

Dead load: $0\% \cdot E_{max}$; Safe overload: $150\% \cdot E_{max}$; Input impedance: 380Ω ; Fraction: $p_{LC} = 0.7$

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