Physikalisch-Technische Bundesanstalt
Braunschweig und Berlin
Nationales Metrologieinstitut

Member State of OIML
Germany

OIML Certificate No.
R60/2000-DE1-15.01
Revision 1

OIML CERTIFICATE OF CONFORMITY

Issuing Authority

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

Applicant

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

Manufacturer of the certified type is the applicant.

Identification of the certified type

Load cell
Type: Z6R

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 classes C3, D1

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.

R3-0033

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With the 1st revision new nominal capacity were added. The conformity was established by the results of tests and examinations provided in the associated Test Report

No. 1.12-4077191-2 that includes 22 pages.

The test results of the former test reports No. 1.12-4077191-1 remain valid.

The Issuing Authority

Dr. O. Mack
Member of Certification Body

07.03.2016

The CIML Member

Dr. R. Schwartz
Vice President

07.03.2016

Table 1: Essential data

Accuracy class			C3	D1
Maximum number of verification intervals	n_{LC}		3000	1000
Rated output		mV/V	2	
Nominal capacity	E_{max}	kg	20 / 22 / 30 / 33 / 50 / 55 / 100 / 110 / 200 / 220	
Minimum load cell verification interval	$v_{min} = (E_{max} / Y)$		E_{max} / 11111	
Minimum dead load output return	$DR = (½ \cdot E_{max} / Z)$		½ · E_{max} / 3000	

Dead load: 0%·E_{max}; Safe overload: 150%·E_{max}; Input impedance: 350 Ω

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 Test Report(s) is not permitted, although either may be reproduced in full.