

# Physikalisch-Technische Bundesanstalt

Braunschweig und Berlin

Member State of OIML  
Germany



OIML Certificate No.  
**R60/2000-DE1-13.02**

## 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: Z16A

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.

# Physikalisch-Technische Bundesanstalt

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

No. 1.12-4062385-1 that includes 33 pages

## The Issuing Authority

Dr. O. Mack  
Head of Working Group

14.10.2013

## The OIML Member

Dr. R. Schwartz  
Head of Division

14.10.2013

Table 1: Essential data

Accuracy class		C3	D1
Maximum number of load cell intervals $n_{LC}$		3000	1000
Rated output	mV/V	2	
Maximum capacity $E_{max}$	t	7,5 / 15 / 20	
Minimum load cell verification interval $v_{min} = (E_{max} / Y)$		$E_{max} / 12000$	$E_{max} / 5000$

Minimum dead load:  $0\% \cdot E_{max}$ ; Safe overload:  $150\% \cdot E_{max}$ ; Input impedance:  $700 \Omega$

*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.