Physikalisch-Technische Bundesanstalt

Braunschweig und Berlin

Member State of OIML
Germany

OIML Certificate No.
R60/2000-DE1-10.11

OIML CERTIFICATE OF CONFORMITY

Issuing Authority

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

Applicant

Name:	Zemic Europe B.V.
Address:	Leerlooierstraat 8
	4871 EN Etten-Leur
	Niederlande

Manufacturer of the certified type is the applicant.

Identification of the certified type	Strain gauge single point load cell
	Type: L6T
	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, C4

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

R3-0033

Physikalisch-Technische Bundesanstalt

PTB

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R60/2000-DE1-10.11

This 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 Report and Test Reports

Test-Report No. 1.12-4044287	that includes 22 pages
Test-Report No. 1.12-4044287-4	that includes 22 pages
Report No. 1.12-4044287	that includes 6 pages

The Issuing Authority

Dr. D. Ratschko
Head of Department

18.10.2010

The CIML Member

Dr. R. Schwartz
Head of Division

18.10.2010

The load cells of the series L6T are single point load cells. They are made of aluminium and 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			C3		C4
Maximum number of load cell intervals	n_{LC}		3000		4000
Rated output		mV/V	2		
Maximum capacity	E_{max}	kg	50 / 75 / 100 / 150 / 200 / 250	300 / 500 / 635 / 1000	50 / 75 / 100 / 150 / 200 / 250
Minimum load cell verification interval	$v_{min} = (E_{max} / Y)$		E_{max} / 6500	E_{max} / 15000	E_{max} / 6500

Dead load: 0%·E_{max}; Safe overload: 150%·E_{max}; Input impedance: 409 Ω; Fraction: p_{LC} = 0.7

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 Reports is not permitted, although either may be reproduced in full.