

Member State of OIML United Kingdom of Great Britain and Northern Ireland

OIML Certificate No R60/2000-GB1-09.03

Issuing authority

Name: National Weights and Measures Laboratory

Address: Stanton Avenue

Teddington Middlesex TW11 0JZ United Kingdom

Person responsible: Gavin Stones – Deputy Product Certification Manager

Applicant

Name: **Transdutec, S.A**Address: **CL. Joan Miro 11**

08930 Sant Adria De Besós

Barcelona Spain

Manufacturer of the certified pattern is:

The applicant

Identification of the certified pattern:

Stainless steel compression strain gauge load cell

Model Designation	CP-8					
Maximum capacity, E _{max} (t)	18	20	25	30	35	50
Accuracy class	C4					
Maximum number of load cell intervals, n_{max}	4000					
Minimum verification interval, V_{min}	E _{max} / 15000					
Apportionment factor; p _{LC}	0.70					

This certificate attests the conformity of the above-mentioned pattern (represented by the samples identified in the associated test report) with the requirements of the following Recommendation of the International Organisation of Legal Metrology -OIML):

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This certificate relates only to the metrological and technical characteristics of the pattern of the instrument concerned, as covered by the relevant OIML International Recommendation.

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

The conformity was established by tests described in the associated:

Test report: 08/34505217/L having 29 pages (issued by LGAI)

Issuing authority CIML member

Mr G Stones

for NWML

Date 27 March 2009 Ref: T1136/0037

Essential technical data

Mr P Mason

Model designation	Designation	Value	Units
Classification		C4	
Additional marking		СН	
Maximum number of load cell verification intervals	n_{LC}	4000	
Maximum capacity	E _{max}	18, 20, 25, 30, 35, 50	t
Minimum dead load, relative	E _{min} /E _{max}	0	t
Relative V _{min} (ratio to minimum LC verification interval)	$Y = E_{max}/V_{min}$	15000	
Relative DR (ratio to minimum dead load output return)	$Z = E_{\text{max}}/(2*DR)$	4000	
Rated output		2	mV/V
Maximum excitation voltage		18	V DC
Input impedance (for strain gauge LCs)	R _{LC}	800	Ω
Temperature rating		-10/+40	°C
Safe overload, relative	E _{lim} /E _{max}	125	% F.S
Cable length (maximum)		15	m
Additional characteristics		4 or 6 wire (plus screen)	

Important note:

Apart from the mention of the certificates reference number and the name of the OIML Member State in which the certificate was issued, partial quotation of the certificate or of the associated test report is not permitted, though they may be reproduced in full.

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Certificate History

ISSUE NO.	DATE	DESCRIPTION
R60/2000-GB1-09.03	** March 2009	Type approval first issued
-	-	No revisions have been issued

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