

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

OIML Certificate No  
R60/2000-GB1-12.08

## OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement Office**

Person responsible: **Paul Dixon – Product Certification Manager**

Applicant: **CAS Corporation  
#19 Ganap-ri  
Gwangjuk-Myoun  
Yangju-Si  
Gyeonggi-Do 482-841  
Rep. of Korea**

Manufacturer: **The applicant &  
Shanghai CAS Electronics Co., Ltd,  
Maixinroad 448, Xinqiaozhen, Songjiangqu,  
Shanghai, China**

Identification of the certified pattern: **BSA-XXXXL Steel compression (beam) strain gauge load cell (where XXXX relates to the load cell capacity).**

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):

**OIML R 60 - Edition 2000(E) for accuracy class: [C3]**

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.

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.

**Issue Date: 28 November 2012**  
**Reference No: T1136/0043**

  
**Signatory: P R Dixon**

The conformity was established by tests described in the associated test report SN: 1239 which includes 24 pages.

**Characteristics of the Load Cell:**

Model designation	Designation	Value	Units
Classification		C3	
Additional marking		---	
Maximum number of load cell verification intervals	$n_{LC}$	3000	
Maximum capacity	$E_{max}$	250 to 1000	kg
Minimum dead load, relative	$E_{min}/E_{max}$	----	kg
Relative $V_{min}$ (ratio to minimum LC verification interval)	$Y = E_{max}/V_{min}$	6025	
Relative DR (ratio to minimum dead load output return)	$Z = E_{max}/(2*DR)$	3048	
Rated output		3.0	mV/V
Maximum excitation voltage		15	V DC
Input impedance (for strain gauge LCs)	$R_{LC}$	350	$\Omega$
Temperature rating		-10/+40	$^{\circ}C$
Safe overload, relative	$E_{lim}/E_{max}$	150	% F.S
Fraction	$P_{LC}$	0.7	
Cable length		5	m
Additional characteristics		4 or 6 wire (plus screen)	

**Certificate History**

Issue No:	Date	Description
R60/2000-GB1-12.08	28 November 2012	Certificate first issued.
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