

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

OIML Certificate No
R60/2000-GB1-09.10
Revision 2

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement Office**

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

Applicant: **Avery Weigh-Tronix
Foundry Lane
Smethwick
West Midlands, B66 2LP
United Kingdom**

Manufacturer: **The applicant**

Identification of the certified pattern: **Strain Gauge Compression Load Cell Type T302x**

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: C5

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.

This revision replaces earlier versions of this certificate.

Issue Date: 04 December 2012
Reference No: T1136/0043

Signatory: P R Dixon



The conformity was established by tests described in the associated test report TR: 0563 which includes 18 pages.

Characteristics of the Load Cell:

Model designation	Designation	Value	Units
Classification		C5	
Additional marking		---	
Maximum number of load cell verification intervals	n_{LC}	5000	
Maximum capacity	E_{max}	22680 45360	kg
Minimum dead load, relative	E_{min}/E_{max}	0	kg
Relative V_{min} (ratio to minimum LC verification interval)	$Y = E_{max}/V_{min}$	13318	
Relative DR (ratio to minimum dead load output return)	$Z = E_{max}/(2*DR)$	5000	
Rated output		1.75 ± 0.1	mV/V
Maximum excitation voltage		± 15	V DC
Input impedance (for strain gauge LCs)	R_{LC}	540 - 620	Ω
Temperature rating		-10/+40	$^{\circ}C$
Safe overload, relative	E_{lim}/E_{max}	150	% F.S
Fraction	P_{LC}	0.7	
Cable length		40	m
Additional characteristics		4 wire (plus screen)	

Certificate History

Issue No:	Date	Description
R60/2000-GB1-09.10	27 November 2009	Type approval first issued.
R60/2000-GB1-09.10 Revision 1	09 July 2012	Alternative manufacturing site added.
R60/2000-GB1-09.10 Revision 2	04 December 2012	Corrections made to characteristics table.

Alternative manufacturer:

Avery India Limited
Plot Nos. 50-59, sector – 25,
Ballabgarh – 121004 (Haryana)
India