

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

OIML Certificate No  
R60/2000-GB1-09.10  
Revision 1

## 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: 09 July 2012**  
**Reference No: T1136/0043**



**Signatory: G Stones**

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	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		$1.75 \pm 0.1$	mV/V
Maximum excitation voltage		$\pm 15$	V DC
Input impedance (for strain gauge LCs)	$R_{LC}$	540 - 620	$\Omega$
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.

**Alternative manufacturer:**

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