

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

OIML Certificate No
R60/2000-GB1-11.07

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: **Streamline Beam (bending) alloy steel load cell**

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: D500

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: 29 November 2011
Reference No: T1106/0017


Signatory: P R Dixon

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The conformity was established by tests described in the associated test report 03357TR issued by Avery Weigh-Tronix.

Characteristics of the Load Cell:

Model designation	Designation	Value	Units
Classification		D	
Additional marking		CH	
Maximum number of load cell verification intervals	n_{LC}	500	
Maximum capacity	E_{max}	16 000 18 000	kg
Minimum dead load, relative	E_{min}/E_{max}	0	kg
Relative V_{min} (ratio to minimum LC verification interval)	$Y = E_{max}/V_{min}$	$E_{max}/800$	kg
Relative DR (ratio to minimum dead load output return)	$Z = E_{max}/(2*DR)$	N/A	
Rated output		Nominal 0.5 (depending on rail section)	mV/V
Maximum excitation voltage		18	V DC
Input impedance (for strain gauge LCs)	R_{LC}	600	Ω
Temperature rating		-10/+40	$^{\circ}C$
Safe overload, relative	E_{lim}/E_{max}	150	% F.S
Fraction	P_{LC}	0.7	
Cable length		15	m
Additional characteristics		6 wire	

Certificate History

ISSUE N ^o .	DATE	DESCRIPTION
R60/2000-GB1-11.07	29 November 2011	Certificate first issued
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