

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

OIML Certificate No  
R60/2000-GB1-16.07

## OIML CERTIFICATE OF CONFORMITY

Issuing authority: **NMO**  
Person responsible: **Max Linnemann – Head of Certification Body**  
Applicant: **Thames Side Sensors Ltd  
Unit 10  
io Trade Centre, Deacon Way  
Reading, RG30 6AZ  
United Kingdom**  
Manufacturer: **The applicant**  
Identification of the certified pattern: **T68**

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: 07 October 2016**  
**Reference No: TS13/0045**



**Grégory Glas**  
**Technical Manager**  
*For and on behalf of the Head of Certification Body*



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The conformity was established by testing and examination described in LGAI Test Reports 15/34537117/L1 & 15/34537117/L2 which include 29 pages and 28 pages respectively.

**Characteristics of the Load Cell:**

Model designation	Designation	Value	Units
Classification		C3	
Additional marking		CH or no symbol	
Maximum number of load cell verification intervals	$n_{LC}$	3,000	
Maximum capacity	$E_{max}$	500, 750, 1000, 2000, 3000, 4000, 5000	kg
Minimum dead load, relative	$E_{min}/E_{max}$	0	%
Relative $v_{min}$ (ratio to minimum load cell verification interval)	$Y = E_{max}/V_{min}$	10,000	
Relative DR (ratio to minimum dead load output return)	$Z = E_{max}/(2*DR)$	3,000	
Rated output		2.0	mV/V
Maximum excitation voltage		15	V dc
Input impedance (for strain gauge load cells)	$R_{LC}$	400	$\Omega$
Temperature rating		-10 / + 40	$^{\circ}C$
Safe overload, relative	$E_{lim}/E_{max}$	150	% F.S
Apportionment factor	$P_{LC}$	0.7	
Cable length		4 with a nominal section of 0.25 mm <sup>2</sup>	m
Additional characteristics		None	

**CERTIFICATE HISTORY**

ISSUE NO.	DATE	DESCRIPTION
R60/2000-GB1-16.07	07 October 2016	Certificate first issued.
-	-	No revisions have been issued.