

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

OIML Certificate No
R60/2000-GB1-17.06

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **NMO**
Person responsible: **Mannie Panesar – Head of Technical Services**
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: **T85**

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 R60 - 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: 24 March 2017



Grégory Glas
Technical Manager
For and on behalf of the Head of Technical Services



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The conformity was established by testing and examinations described in the associated test reports as below. The model designation in the test reports is 350.

TEST REPORT NUMBER	DATE ISSUED	NUMBER OF PAGES	ISSUING AUTHORITY
09/34513868	2009-11-05	29	LGAI
12/34536198-L	2012-11-16	29	Applus
16/34551229-L	2017-02-03	30	Applus

Characteristics of the Load Cell:

Model designation	Designation	Value		Units
Classification		C3		
Additional marking		CH		
Maximum number of load cell verification intervals	n_{LC}	3,000		
Maximum capacity	E_{max}	300 – 4,000	4,000 – 20,000	kg
Minimum dead load, relative	E_{min}/E_{max}	0		%
Relative V_{min} (ratio to minimum LC verification interval)	$Y = E_{max}/V_{min}$	10,000	20,000	
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 LCs)	R_{LC}	400±20 or 1150±100		Ω
Temperature rating		-10 to +40		°C
Apportionment fraction	P_{LC}	0.7		
Safe overload, relative	E_{lim}/E_{max}	200		%
Cable length		4 with a nominal section of 0.125 mm ²		m
Additional characteristics		4-wire or 6-wire shielded, with the shielding not connected to the load cell, with remote sense.		

CERTIFICATE HISTORY

ISSUE NO.	DATE	DESCRIPTION
R60/2000-GB1-17.06	24 March 2017	Certificate first issued.
-	-	No revisions have been issued.