

OIML Member State The Netherlands

OIML Certificate



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Issuing authority	NMi Certin B.V. Person responsible: M. Boudewijns	
Applicant and Manufacturer	Thames Side Sensors Ltd. Unit 10, Io Trade Centre, Deacon Way Reading, RG30 6AZ United Kingdom	
Identification of the certified type	A compression load cell , with strain gauges. Type : T34	
Characteristics	See next page	

This OIML Certificate is issued under scheme A.

This Certificate attests the conformity of the above identified Type (represented by the sample(s) identified in the OIML Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):



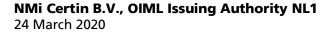
This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation above-identified. This Certificate does not bestow any form of legal international approval.

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Issuing Authority



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Certification Board

This document is issued under the provision that no liability is accepted and that the applicant shall indemnify third-party liability.

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The conformity was established by the results of tests and examinations provided in the associated OIML Type Evaluation Report:

- No. NMi-2224556-01 revision 1 dated 16 December 2019 that includes 28 pages.

Characteristics of the load cell:

Characterization of load cell capabilities	Analog-passive load cell
Maximum capacity (E _{max})	15 t up to and including 75 t
Minimum dead load	0 kg
Accuracy Class	С
Rated Output	2,0 mV/V
Maximum number of load cell intervals (n) ⁽¹⁾	4000
Ratio of minimum LC Verification interval ⁽¹⁾ Y = E_{max} / v_{min}	10000
Ratio of minimum dead load output return ⁽¹⁾ Z = E_{max} / (2 * DR)	12000
Input impedance	800 Ω ± 5 Ω
Temperature range	-10 °C / + 40 °C
Fraction p _{Lc}	0,7
Humidity Class	СН
Safe overload	150 % of E _{max}
Output impedance	705 Ω ± 5 Ω
Recommended excitation	10 V AC / DC
Excitation maximum	15 V AC / DC
Transducer material	Stainless steel
Atmospheric protection	Hermetically welded

Remark:

1. The characteristics for n_{max} , Y and Z can be reduced separately.

Each load cell produced is provided with an accompanying document with information about its characteristics.