

**OIML Member State**  
The Netherlands

Number R60/2000-A-NL1-20.17  
Project number 2429149  
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Issuing authority

NMi Certin B.V.  
Person responsible: M. Boudewijns

Applicant and  
Manufacturer

Trakblaze PTY LTD.  
5 Mareno Road  
Tullamarine, Victoria, 3043  
Australia

Identification of the  
certified type

A **double ended shear beam load cell**, with strain gauges.  
Type : INF-LC-Cx-xxx-xx series

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):

**OIML R 60** - Edition 2000 (E) for accuracy class C

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

**NMi Certin B.V., OIML Issuing Authority NL1**  
14 May 2020

Certification Board

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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-2492149-02 dated 14 May 2020 that includes 27 pages.

## Characteristics of the load cell:

Characterization of load cell capabilities	Analog-passive load cell
Maximum capacity ( $E_{max}$ )	6 t up to and including 30 t
Minimum dead load	0 kg
Accuracy Class	C
Rated Output	2,4 mV/V
Maximum number of load cell intervals (n) <sup>(1)</sup>	3000
Ratio of minimum LC Verification interval <sup>(1)</sup> $Y = E_{max} / V_{min}$	15000
Ratio of minimum dead load output return <sup>(1)</sup> $Z = E_{max} / (2 * DR)$	3000
Input impedance	700 $\Omega \pm 5 \Omega$
Temperature range	-10 °C / + 40 °C
Fraction $p_{LC}$	0,7
Humidity Class	CH
Safe overload	120 % of $E_{max}$
Output impedance	700 $\Omega \pm 5 \Omega$
Recommended excitation	10 V AC / DC
Excitation maximum	15 V AC / DC
Transducer material	Alloy steel
Atmospheric protection	IP68 Hermetically sealed

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.