



# **OIML** Certificate

# **OIML Member State**The Netherlands



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Issuing authority NMi Certin B.V.

Person responsible: M.Ph.D. Schmidt

Applicant Anyload Weigh & Measure Inc. 6855 Antrim Avenue, Burnaby

British Colombia V5J 4M5

Canada

Manufacturer Anyload Youngzon Transducer (Hangzhou) Co., Ltd

518,18th Street, Qiantang New Area

Hangzhou China

Identification of the

certified type

A bending beam load cell (planar beam), with strain gauges.

Registered trade name : ANYLOAD

Type : 202UA

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):

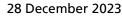
OIML R 60-1:2017 for accuracy class C.

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





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The conformity was established by the results of tests and examinations provided in the associated report:

- No. NMi-2623227-01 dated 28 December 2023 that includes 51 pages.

#### **Characteristics of the load cell:**

Characterization of load cell capabilities	Analog-passive load cell			
Maximum capacity (E <sub>max</sub> )	75 kg up to and including 375 kg			
Minimum dead load	0 kg			
Accuracy Class	С			
Rated Output	1,0 mV/V ± 20%			
Maximum number of load cell intervals (n) (1)	3000			
Ratio of minimum LC Verification interval $^{(1)}$ Y = $E_{max}$ / $v_{min}$	28000			
Ratio of minimum dead load output return (1) $Z = E_{max} / (2 * DR)$	6000			
Input impedance	1190 $\Omega$ ± 50 $\Omega$			
Temperature range 🕕	-10 °C / + 40 °C			
Fraction p <sub>LC</sub>	0,7			
Humidity Class	СН			
Safe overload	150 % of E <sub>max</sub>			
Output impedance	1000 $\Omega$ ± 10 $\Omega$			
Recommended excitation	5 - 10 V DC			
Excitation maximum	15 V DC			
Transducer material	Aluminium			
Atmospheric protection	Silicone sealed			

#### Remarks:

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

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

The above identified Type (represented by the sample(s) identified in the OIML Test Report) have been found to comply with the additional national requirements established by the United States of America (NIST Handbook 44 and NCWM Publication 14), included in the Utilizer Declaration:

- R 60 OIML-CS rev.2 Additional requirements from the United States Accuracy class III L;
- R 60 OIML-CS rev.2 Additional requirements from the United States Marking requirements.







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## Revision History

Revision	Date	Change(s)		
0	2023-12-28	Initial issue.		

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