

OIML Member State
The Netherlands

Number R60/2017-A-NL1-23.03 revision 1
Project number 2804877
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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 Columbia V5J 4M5
Canada

Manufacturer

Anyload Youngzon Transducer (Hangzhou) Co.Ltd
518, 18th Street, Qiangtang New Area
Hangzhou
China

Identification of the certified type

A **shear beam load cell**, with strain gauges.
Registered trade name : ANYLOAD
Type : 563Wxxx

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

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
19 January 2023

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(s):

- No. NMI-2804877-01 dated 13 January 2023 that includes 51 pages.

Characteristics of the load cell:

Characterization of load cell capabilities	Analog-passive load cell
Maximum capacity (E_{max})	9000 kg up to and including 45000 kg
Minimum dead load	0 kg
Accuracy Class	C
Rated Output	$3,0 \pm 0,3$ mV/V
Maximum number of load cell intervals (n) ⁽¹⁾	6000
Ratio of minimum LC Verification interval ⁽¹⁾ $Y = E_{max} / V_{min}$	25000
Ratio of minimum dead load output return ⁽¹⁾ $Z = E_{max} / (2 * DR)$	6000
Input impedance	$400 \Omega \pm 50 \Omega$
Temperature range	-10 °C / + 40 °C
Fraction p_{LC}	0,7
Humidity Class	CH
Safe overload	150 % of E_{max}
Output impedance	$350 \Omega \pm 5 \Omega$
Recommended excitation	10 V AC / DC
Excitation maximum	15 V AC / DC
Transducer material	Stainless steel
Atmospheric protection	Silicone 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.

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

This revision replaces the previous version.

Revision	Date	Change(s)
0	2023-01-13	Initial issue
1	2023-01-19	Correction