OIML Certificate of Conformity

OIML Member State
The Netherlands

Number R60/2000-NL1-13.08 Revision 1
Project number 1901500

Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant	CAS Corporation #262, Geurugogae-ro, Gwangjeok-myeon, Yangju-si, Gyeonggi-do, Rep. of Korea
Manufacturer	CAS Corporation #262, Geurugogae-ro, Gwangjeok-myeon, Yangju-si, Gyeonggi-do, Rep. of Korea or, CAS (Zhejiang) Electronics Co., Ltd. 99# Changjiang Road, Jiashan County, Zhejiang Province, China
	A **compression load cell**, with strain gauges, equipped with electronics, Type : WBK-D
Characteristics	See next page

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 R60 - 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.

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate was issued, partial quotation of the Certificate and of the associated OIML Test Report(s) is not permitted, although either may be reproduced in full.

Issuing Authority

NMi Certin B.V., OIML Issuing Authority NL1
18 September 2017

C. Oosterman
Head Certification Board

NMi Certin B.V.
Hugo de Grootplein 1
3314 EG Dordrecht
the Netherlands
T +31 78 6332332
certin@nmi.nl
www.nmi.nl

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The conformity was established by the results of tests and examinations provided in the associated OIML Test Reports:
- No. NMi-12200013-01 dated 24 May 2013 that includes 46 pages;
- No. NMi-12200013-02 dated 24 May 2013 that includes 16 pages.

Characteristics of the load cell:

Maximum capacity (E_{max})	10000 kg up to and including 50000 kg
Minimum dead load	0 kg
Accuracy Class	C
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) $Z = E_{max} / (2 * DR)$	4000
Temperature range	-10 °C / +40 °C
Fraction p_{LC}	0,7
Humidity Class	CH
Safe overload	150% of E_{max}
Recommended excitation	9 V DC
Excitation maximum	24 V DC
Transducer material	Stainless steel
Atmospheric protection	Hermetically welded
Number of counts for E_{max}	$\geq Y * 5 / p_{LC}$
Software identification	Version number: 201211

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

This load cell can only be used in combination with an indicator which does not allow adjustment of the adjustment data of the load cell using any interface.
The connecting cable of the load cell or the junction box is provided with possibility to seal.
Each load cell produced is provided with an accompanying document with information about its characteristics.

Revision History
This revision replaces the previous version.

Revision	Date	Change(s)
Initial	31 May 2013	-
1	18 September 2017	CAS Corporation address revised, CAS (Zhejiang) Electronics Co., Ltd. added as additional manufacturer.