



OIML Certificate of Conformity

OIML Member State
The Netherlands

Number R60/2000-NL1-10.11
revision 2
Project number 10200636
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Issuing authority NMI Certin B.V.
Person responsible: C. Oosterman

Applicant Vishay Precision
8a Hazoran St.
Natanya, 42506
Israel

Manufacturer Vishay Precision or TedeA-Huntleigh
8a Hazoran St.
Natanya, 42506
Israel

Identification of the certified type A single point **Load Cell**
Type : 1022, 1022P and LPS

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**
23 February 2011



C. Oosterman
Head Certification Board

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

The notification of NMI Certin B.V. as Issuing Authority can be verified at www.oiml.org

Parties concerned can lodge objection against this decision, within six weeks after the date of submission, to the general manager of NMI (see www.nmi.nl).





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The conformity was established by the results of tests and examinations provided in the associated OIML Test Report(s):

- N° R60/1991-NL-96.03 that includes 37 pages;
- N° R60/1991-NL-96.05 that includes 35 pages;
- N° R60/2000-NL1-04.02A that includes 38 pages;
- N° R60/2000-NL1-04.02B that includes 8 pages;
- N° R60/2000-NL1-04.02C that includes 37 pages;
- N° R60/2000-NL1-10.11 that includes 37 pages.

Characteristics of the Load Cell:

Type	1022									
Humidity classification	CH									
Fraction p_{lc}	0.7									
Temperature range	-10 °C / +40 °C									
Maximum capacity E_{max}	3 kg up to and including 150 kg						20 kg up to and including 150 kg			
Accuracy class	C1	C2	C3	C3-MR6	C3-MR10	C4-MR10	C6-MR10	C6-MR10 MI7.5	C6-MR12 MI7.5	
Maximum number of load cell verification intervals n_{max}	1000	2000	3000			4000	6000			
Ratio of minimum LC verification interval $Y = E_{max} / v_{min}$	1400	2350	3500	6000	10000	10000	10000	10000	12000	
Ratio of minimum dead load output return $Z = E_{max} / 2 * DR$	7500									

The characteristics for n_{max} and Y can be reduced separately. Z is proportional or equal to n_{max}



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Type	1022P and LPS									
Humidity classification	CH									
Fraction p_{ic}	0.7									
Temperature range	-10 °C / +40 °C									
Maximum capacity E_{max}	7 kg up to and including 150 kg						20 kg up to and including 150 kg			
Accuracy class	C1	C2	C3	C3-MR6	C3-MR10	C4-MR10	C6-MR10	C6-MR10 MI7.5	C6-MR12 MI7.5	
Maximum number of load cell verification intervals n_{max}	1000	2000	3000			4000	6000			
Ratio of minimum LC verification interval $Y = E_{max} / V_{min}$	1400	2350	3500	6000	10000	10000	10000	10000	12000	
Ratio of minimum dead load output return $Z = E_{max} / 2 * DR$	7500									

The characteristics for n_{max} and Y can be reduced separately. Z is proportional or equal to n_{max}