OIML Certificate N° R60/2000-NL1-05.16 revision 1
Project number 10200232

OIML Member state
The Netherlands

OIML CERTIFICATE OF CONFORMITY

Issuing authority

Name: NMi Certin B.V.

Address: Hugo de Grootplein 1
3314 EG Dordrecht
The Netherlands

Applicant

Name: Tedea-Huntleigh or Vishay Transducers or Vishay Precision

Address: 5a Hatzoran St.
Netanya, 42506
Israel

Manufacturer of the certified type

Name: Tedea-Huntleigh or Vishay Transducers or Vishay Precision

Address: 5a Hatzoran St.
Netanya, 42506
Israel

Identification of certified type

A **single point, bending beam load cell** load cell
Type : 1042, 1042 HF, 1042 Symmetric and 1042 Symmetric HF
Fraction : $P_i = 0.7$
Temperature range -10 °C / +40 °C

For specifications, see page 2.

This Certificate attests the conformity of the above identified type (represented by the sample or samples identified in the associated Test Report, the test certificate and the description with number TC2949 and the appertaining documentation folder) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

R60
Edition 2000 (E)
for accuracy class C

This Certificate relates only to the metrological and technical characteristics of the type of instrument covered by the relevant OIML Recommendation identified above.

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This Certificate does not bestow any form of legal international approval.

The conformity was established by the results of tests and examinations provided in the associated Test Reports:
N° R60/1991-NL-97.03A, that includes 37 pages;
N° R60/1991-NL-97.03, that includes 35 pages;
N° R60/2000-NL-00.10, that includes 35 pages;
N° R60/2000-NL1-03.11, that includes 37 pages.

The Issuing Authority NL1
NMi Certin, 16 March 2010

C. Oosterman
Head Certification Board

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Load cell specifications:

Maximum capacity (E_{max})	3, 5, 7, 10, 15, 20, 30, 50, 75, 100, 150 and 250 kg					
	Symmetric range 20, 30, 35, 50, 75, 100, 150 and 250 kg					
Accuracy Class	C					
Maximum number of load cell intervals (n)	1000	2000	3000	4000	5000*	6000*
Ratio of minimum LC Verification interval $Y = E_{max} / V_{min}$	3333	6666	15000	15000	15000*	20000*
Ratio of minimum dead load output return $Z = E_{max} / (2 * DR)$ for E_{max} 3 kg up to and including 75 kg	1200	2400	3600	4800	5200*	6200*
Ratio of minimum dead load output return $Z = E_{max} / (2 * DR)$ for E_{max} 100 kg up to and including 250 kg	24000					

* only for the Symmetric and Symmetric HF range