

Nederlands Meetinstituut

Test certificate

Number **TC2559** revision 4
Project number 10117208
Page 1 of 4

Issued by NMI Certin B.V.
Hugo de Grootplein 1
3314 EG Dordrecht
The Netherlands

Notified Body Number 0122

In accordance with Paragraph 8.1 of the European Standard on Metrological aspects of non-automatic weighing instruments EN 45501:1992/AC:1993 and by application of the OIML International Recommendation R 60 (Edition 1991 and 2000). The applied error fraction p_j , meant in the paragraph 3.5.4. of the standard is 0.7.

Applicant Tedea-Huntleigh International, Ltd.
2 Hatzoran St.,
Netanya, 42506
Israel

In respect of The model of a **bending beam load cell**, with strain gauges, tested as a part of a weighing instrument (for NAWI class (III) or (III)):
Manufacturer : Tedea-Huntleigh
Type : 1260

Characteristics

Maximum capacity (E_{max})	50, 75, 100, 150, 200, 250, 300, 500, 635, 660kg		
Accuracy Class	C		
Maximum number of load cell intervals (n)	1000	2000	3000
Ratio of minimum LC Verification interval $Y = E_{max} / V_{min}$	3333	6666	15000

In the description TC2559 revision 4 further characteristics are described.

Nederlands Meetinstituut
Hugo de Grootplein 1
3314 EG Dordrecht
Telephone +31 78 6332332
Telefax +31 78 6332309

NMI B.V. (Chamber of Commerce Haaglanden
No.27228701)

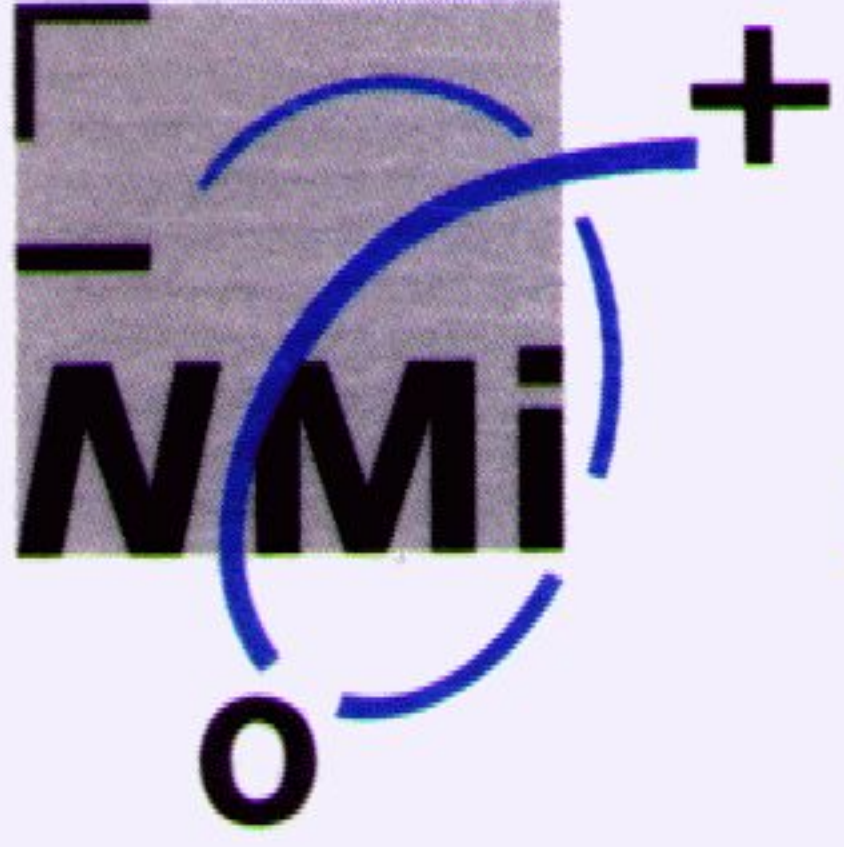
Subsidiary companies:
NMI Certin B.V. (27233418)
NMI Van Swinden Laboratorium B.V. (27228703)
NMI International B.V. (27239176)

This document is issued under the provision that NMI, B.V. nor its subsidiary companies accept any liability.

Reproduction of the complete document is allowed. Parts of the document may only be reproduced after written permission



QUALIFIED
BY STERLAB
Reg. nr. L 029



Nederlands Meetinstituut

Test certificate

Number **TC2559** revision 3
Project number 10117208
Page 2 of 4

Description and documentation The load cell is described in the description number TC2559 revision 4 and documented in the documentation folder number TC2559-3, appertaining to this test certificate.

Remarks Summary of the test involved: see Appendix number TC2559 revision 4
This revision test certificate replaces the earlier version, including its documentation folder.

Delft, 12 December 2000
NMI Certin B.V.

l.a.

W.A.C.M. van Leeuwen

W.A.C.M. van Leeuwen
Manager Certification

1 General information about the load cell

All properties of the load cell, whether mentioned or not, may not be in conflict with the standard mentioned in the test certificate.

1.1 Essential parts

Description	Drawing number	Rev.	Remarks
Model 1260-load cell	478.001.00-4	2	Mechanical (UNC)
Model 1260 load cell	478.000.00-4	2	Mechanical (metric)
Model 1260 load cell	478.970.00-4	A	Mechanical (high cable exit, Metric, UNC)
Model 1260 load cell	478.970.00-4	C	Mechanical (high cable exit, Metric, UNC)

Cable:

- The load cell is provided with a 6-wire system.
- The cable should be a shielded cable, the shield may be connected to the load cell.

1.2 Essential characteristics

Minimum dead load	: 0 kg
Safe overload	: 150 % of E_{max}
Rated Output	: 2 mV/V \pm 0.2 mV/V
Input impedance	: 415 Ω \pm 15 Ω
Output impedance	: 350 Ω \pm 3 Ω
Recommended excitation	: 10 V DC/AC
Excitation maximum	: 15 V DC/AC
Transducer material	: Anodised aluminium or Aluminium
Atmospheric protection	: Flexible silicone rubber

1.3 Essential shapes

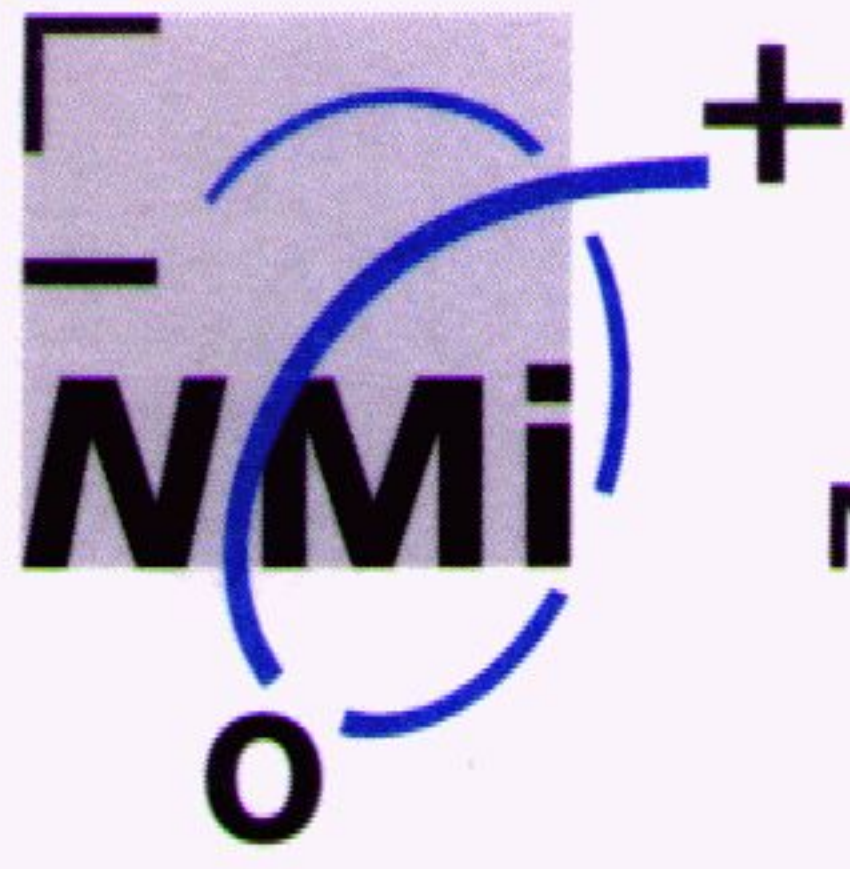
The load cell is built according to the drawings:

- Model 1260 load cell, drawing number 478.001.00-4;
- Model 1260 load cell, drawing number 478.000.00-4;
- Model 1260 load cell, drawing number 478.970.00-4.

The data plate is sealed against removal or will be destroyed when removed. The data plate mentions at least the information and markings as described in the OIML R60 document. In the countries where it is mandatory the load cell should bear this test certificate number: TC2559.

Securing:

The connecting cable of the load cell or the junction box is provided with possibility to seal.



Tests carried out for this test certificate on the load cell model 1260.

Test	Institute	type, version, remarks
Temperature test and repeatability (20, 40, -10 and 20 °C)	NMi Certin B.V	50 kg C3 and 500 kg C3
Temperature effect on minimum dead load output (20, 40, -10 and 20 °C)	NMi Certin B.V	50 kg C3 and 500 kg C3
Creep test (20, 40 and -10 °C)	NMi Certin B.V	50 kg C3 and 500 kg C3
Minimum load output return (20, 40 and -10 °C)	NMi Certin B.V	50 kg C3 and 500 kg C3
Barometric pressure test at room temperature	NMi Certin B.V	50 kg C3 and 500 kg C3
Humidity test	NMi Certin B.V.	50 kg C3 and 500 kg C3