## The Danish Accreditation and Metrology Fund METROLOGY

Dyregårdsvej 5B, 2740 Skovlunde

Tel.: +45 77 33 95 00 - Fax: +45 77 33 95 01 - E-mail: danak@danak.dk - www.dansk-metrologi.dk

Member State Denmark OIML Certificate N°

R60/2000-DK1-06.01 revision 1

### **OIML CERTIFICATE OF CONFORMITY**

Issuing authority

Name:

Address:

The Danish Accreditation and Metrology Fund

Dyregårdsvej 5B

DK-2740 Skovlunde

Denmark

Person responsible:

P. Claudi Johansen

**Applicant** 

Name: Address: ESIT Elektronik Ltd. Şti.

Nişantepe Mah. Alemdağ

Ümraniye İstanbul

**TURKEY** 

Manufacturer

of the certified pattern:

ESIT Elektronik Ltd. Şti.

Identification

of the certified pattern:

Beam bending, strain gauge load cell

Type: BB

Further characteristics are set out on page 2.

This certificate attests the conformity of the above-mentioned pattern (represented by the samples identified in the associated test report) 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 pattern of the instrument concerned, as covered by the relevant OIML International Recommendation.

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

# OIML Certificate N° R60/2000-DK1-06.01 revision 1

The conformity was established by tests described in the associated test report N° DANAK-199790 issued by DELTA, DK (Notified Body no. 0199), that includes 42 pages.

#### The issuing authority

The Danish Accreditation and Metrology Fund

Date: 14. MAJ 2009

The CIML member

P. Claudi Johansen

Date: 14. MAJ 2009

#### Characteristics

| Type designation                      |                                     | BB                        |                         |      |
|---------------------------------------|-------------------------------------|---------------------------|-------------------------|------|
| Maximum capacity                      | $E_{max}$                           | 50, 100 and 200 kg        |                         |      |
| Accuracy class                        |                                     | С                         |                         |      |
| Maximum number of intervals           | $n_{LC}$                            | 3000                      | 4000                    | 5000 |
| Apportionment factor                  | $p_{LC}$                            | 0.7                       |                         |      |
| Minimum verification interval         | $ m V_{min}$                        | 0.00667 %E <sub>max</sub> | 0.005 %E <sub>max</sub> |      |
| Ratio of min LC verification interval | Y                                   | 15000                     | 20000                   |      |
| Minimum dead load output return       | DR                                  | 0.004 %E <sub>max</sub>   |                         |      |
| Relative DR                           | Z                                   | 12500                     |                         |      |
| Rated output (sensitivity)            | С                                   | 2 mV/V                    |                         |      |
| Excitation voltage                    | $U_{ m exc}$                        | 5 – 15 Vac or dc          |                         |      |
| Minimum dead load, relative           | E <sub>min</sub> / E <sub>max</sub> | 0 %                       |                         |      |
| Humidity                              | СН                                  | No marking                |                         |      |

#### 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 or of the associated test report is not permitted, though they may be reproduced in full.