Ministerio de Fomento

CENTRO ESPAÑOL DE METROLOGÍA
C/ del Alfar, nº 2 - 28760 Tres Cantos (Madrid)

Member State
SPAIN

OIML Certificate Nº:
**R60/1991-ES- 99.02**

# OIML CERTIFICATE OF CONFORMITY

**Issuing authority**

| | |
|---|---|
| Name: | **Centro Español de Metrología** |
| Address: | C/ Alfar, 2<br>E-28760 Tres Cantos - Madrid (Spain) |
| Person responsible: | José A. Robles Carbonell<br>Head of force division |

**Applicant**

| | |
|---|---|
| Name: | **TRANSDUTEC S.A.** |
| Address: | C/ Joan Miró, 11<br>Sant Adrià del Besòs (Barcelona)<br>España |
| **Manufacturer:**<br>of the certified pattern: | **TRANSDUTEC, S.A.** |
| **Identification:**<br>of the certified pattern: | Type **TPF1-6D**<br>Futher characteristics see 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 1991 (E)**
**for accuracy class C**
**$P_i = 0.7$**

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 formal of legal international approval.

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The conformity was established by test described in the associated test report Nº 1999-5.1-0063 that includes 22 pages

**The issuing authority**

Centro Español de Metrología

Date : May 31, 1999

**The CIML member**

Ángel García San Román
Director

Date : May 31, 1999

**Characteristics:**

| | |
|---|---|
| Maximum number of LC verification interval ($n_{LC}$) | 6000 |
| Maximum capacity ($E_{max}$) | **18 kg, 20 kg, 25 kg, 30 kg, 35 kg and 40 kg** |
| Accuracy class | C |
| Temperature range | -10 °C / 40 °C |
| Rated output (C) | **2 mV/V ± 15 %** |
| Input impedance ($R_{LC}$) | **386 ohm ± 2 %** |
| Safe overload, relative | **125 % Emax** |
| Maximum excitation voltage | **18 V** |
| Ratio of minimum LC verification interval ($Y = E_{max}/V_{min}$) | **11500** |
| Minimum dead load, relative ($E_{min}/E_{max}$) | **0 %** |

**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.