



Physikalisch-Technische Bundesanstalt
Braunschweig und Berlin

OIML Member State
Germany

OIML Certificate No.
R76/2006-A-DE1-23.03

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority

Name: Physikalisch-Technische Bundesanstalt,
Conformity Assessment Body
Address: Bundesallee 100, 38116 Braunschweig, GERMANY
Person responsible: Dr.-Ing. Prof. h. c. Frank Härtig

Applicant

Name: Erte Endüstriyel Elektronik San.ve TIC.LTD.STI
Address: 1443 Sok.Tesisat Is Merkezi, No:2R, 35170 Izmir Tuerkei

Manufacturer

Name: Erte Endüstriyel Elektronik San.ve TIC.LTD.STI
Address: 1443 Sok.Tesisat Is Merkezi, No:2R, 35170 Izmir Tuerkei

Identification of the certified type (the detailed characteristics will be defined in the additional pages)

Indicator
Type: A3

Designation of the module (if applicable)

Indicator

This OIML Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML type evaluation report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R 76

Edition (year): 2006

For accuracy class (if applicable): III, IIII

**OIML Certificate No.
R76/2006-A-DE1-23.03**

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

This OIML 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 OIML type evaluation report:

No. 1.12-4107466 dated 31.05.2023 that includes 10 pages

The technical documentation relating to the identified type is contained in documentation file:

No. ZDS-R76/2006-A-DE1-23.03 dated 31.05.2023 that includes 2 pages

OIML Certificate History

Revision No.	Date	Description of the modification
---	31.05.2023	First issuance

Identification, signature and stamp

The Issuing Authority

Dr. Oliver Mack

Member of Conformity Assessment Body

Date: 31.05.2023



Table 1, essential data:

Reference OIML R76-1, 2006, annex F.1 to F.4		
Accuracy class		III, IIII
Weighing ranges		Single interval Multiple range
Load cell supply voltage	U_{exc}	5 V DC
Range of load cell signal (measuring voltage incl. dead load)	$U_{min} \dots U_{max}$	0 mV ... 20 mV
Smallest permissible input signal per verification scale interval	$\Delta u_{min} / e$	1,25 μ V / e
Maximum number of verification scale intervals	n_{ind}	≤ 3000
Tare range (subtractive)	Max	100 %
Range of load cell impedance	$R_{Lmin} \dots R_{Lmax}$	87 Ω ^{a)} ... 1100 Ω ^{b)}
Fraction of mpe	p_{ind}	0,5
Temperature range	$T_{min} \dots T_{max}$	0 °C ... + 40 °C
Load cell connection		6-wire conductor
Maximum cable length in dependence of the cable diameter	L / A	≤ 100 m/mm ² ^{c) d)}
Power supply voltage		5 V...36 V DC Rechargeable battery pack with 12 V DC adapter

- a) minimum input resistance of the load cell(s)
b) maximum output resistance of the load cell(s)
c) Using a 6-wire conductor from the analogue data processing unit to the load cell or the junction box
d) Cable material: copper

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated OIML type evaluation report(s) is not permitted, although either may be reproduced in full.