



OIML Member State
Denmark

OIML Certificate No.
R76/2006-A-DK2-18.01

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority

Name: **FORCE Certification A/S**
Address: **Park Allé 345, 2605 Brøndby, Denmark**
Person responsible: **Leif Madsen**

Applicant

Name: **VPG TRANSDUCERS.**
Address: **26 Harokmim St. Building B, 6th floor
Azrieli Center Holon
5885849 Holon
ISRAEL**

Manufacturer **Vishay Celtron Technologies Inc, Taiwan, or
Shenzhen Topband Co. Ltd. China**

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

VT200 / VT220 / VT300 / VT300D

Designation of the module (*if applicable*)

Non-automatic electronic weighing 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 76-1, Edition (year): 2006

For accuracy class (if applicable): **III**

**OIML Certificate No.
R76/2006-A-DK2-18.01**

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 reports:

Type examination report: No. 117-24981.10, dated 22 August 2018 that includes 69 pages

Type evaluation report: No. 117-24981.90, dated 22 August 2018 that includes 3 pages

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

No. 118-21979, dated 28 April 2018

OIML Certificate History

Revision No.	Date	Description of the modification
First issuance	18 September 2018	-

Identification, signature and stamp

The OIML Issuing Authority

FORCE Certification A/S

Date: 18 September 2018

Jens Hovgård Jensen

Certification Manager

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.

Descriptive annex

Characteristics

Type:	VT200 / VT220 / VT300 / VT300D
Accuracy class:	III
Weighing range:	Single-interval, multi-interval (up to 2 intervals), multi-range (up to 2 ranges)
Maximum capacity (Max):	1 kg to 990,000 kg
Verification scale interval ($e_i =$):	Max/n
Maximum number of Verification Scale Intervals (n_i):	≤ 10000
Maximum subtractive tare effect:	-Max
Fractional factor:	$p_i = 0.5$
Minimum input voltage per VSI:	0.25 μ V
Excitation voltage:	5 VDC
Circuit for remote sense:	present on the model with 7-terminal connector
Minimum input impedance:	29 ohm
Maximum input impedance:	2000 ohm
Mains power supply:	110-240 VAC, 50/60 Hz, or 12-24 VDC. Internal rechargeable battery (optional).
Operational temperature:	-10 °C to +40 °C
Maximum 6-wire cable length between indicator and junction box:	1564 m/mm ²

Software

The version of the software is displayed during the power-up sequence of the instrument.

The version appears in this form: XXXX_Y Z.Q dd-mm-yy

XXXX indicates the type designation of the instrument

Y is the language of the user interface

Z is the application

Q is a reference code for the software

dd-mm-yy is the firmware date and acts as version control.

The approved software version 23-01-18

Interfaces

- RS232
- RS485
- USB (slave)
- Analogue output
- Digital inputs/outputs

Devices

- Initial zero setting device ($\leq 20\%$ of Max)
- Semi-automatic zero setting device ($\leq 4\%$ of Max)
- Zero tracking device ($\leq 4\%$ of Max)
- Semi-automatic subtractive tare device
- Preset subtractive tare device
- Gross / Net display
- Extended resolution device
- Data storage device
- Printing device
- Gravity compensation device
- Stable equilibrium, Zero, Net and active range indicators.

