



Member state
Czech Republic

OIML Certificate No.
R76/2006-CZ-15.01

OIML CERTIFICATE OF CONFORMITY

Issuing Authority

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Applicant

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Poland

Manufacturer of the certified type

Name: **RADWAG WAGI ELEKTRONICZNE Witold Lewandowski**
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Identification of the certified type

Indicator, tested as a part of a weighing instrument (for non-automatic weighing instrument)
Type: PUE 7.1

Further characteristics see page 3

This certificate attests the conformity of above identified type (represented by the sample or samples identified in the associated test report) with the requirements of the following Recommendation(s) of the International Organization of Legal Metrology (OIML):

OIML R 76, edition 2006 for accuracy class III

This certificate relates only to the metrological and technical characteristics of the type of instrument covered by the relevant OIML Recommendation(s) identified above.

This 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 Test reports: No. 6012-PT-0004-15.1 having 40 pages and No. 8551-PT-E0265-14 having 57 pages.

Instrument description:

Electronic indicator for non-automatic weighing instruments of accuracy class (III).

Maximum number of verification scale intervals: $n \leq 6000$

The indicator can be used for multi range weighing instruments.

The temperature range is $-10^{\circ}\text{C} / +40^{\circ}\text{C}$.

Construction

The indicator has a plastic housing, 5.7" TFT displays with resistive touch panels.

For the basic construction see pictures 1 to 8.

Devices and functions

- multi range
- determination of stability of equilibrium
- indication of stable equilibrium
- zero indicator
- initial zero setting $\leq 20\%$ Max
- zero tracking $\leq 4\%$ Max
- automatic zero setting
- semi-automatic zero setting
- semi-automatic tare balancing (subtractive)
- calibration and set-up mode via switch on the main board
- gravity factor set up
- alibi memory

Technical parameters

	PUE 7.1
Power supply	6,5 ÷ 28VDC / 21W
Maximum change of input signal	19,5mV
Maximum voltage per verification scale interval	3,25 μ V
Minimum voltage per verification scale interval	0,4 μ V
Minimum load cell impedance	50 Ω
Maximum load cell impedance	1200 Ω
Load cell excitation voltage	5V
Load cell connections	4 or 6 wires plus shield
Maximum number of connected platforms	2

Memory module (Alibi memory)

The indicator PUE 7.1 can be equipped with a Memory module (Alibi memory) used as a database system acting as a long term memory. It saves automatically weighing results according to WELMEC 2.5 guideline, using an embedded solid state USB disc. Data are protected against deletion for a given period (configurable). Indicator software is running on Windows Embedded Compact 7. Protection is done by means of operating system and physical prevention of loading other software. Software is identified as whole package and identification is accessible via user interface. The Memory module shall be in compliance with WELMEC guideline 2.5 providing that the parameters correspond with those described in Test Report No. 6014-PT-S0027-10.

Interfaces

The indicator is equipped with following interfaces: RS232, USB, Ethernet, 4IN/4OUT that fulfills requirements of EN45501 paragraph 5.3.6.1, WiFi and 5.7" TFT displays with resistive touch panels. An additional platform can be attached to them.



The Issuing Authority
Jan Kalandra

20 March 2015



The CIML Member
Pavel Klenovský

20 March 2015

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