



OIML Member State

Czech Republic

OIML Certificate No.

R76/2006-A-CZ1-26.01

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority

Name: Czech Metrology Institute
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Person responsible: Jan Kalandra

Applicant

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22143 Hamburg
Germany

Manufacturer

Name: ADE Germany GmbH
Address: Neuer Höltigbaum 15
22143 Hamburg
Germany

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

Indicator for non-automatic weighing instruments.
type: MZ3042

Designation of the module (*if applicable*)

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: III



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.

Test report No. 6012-PT-R0046-25 dated 09.01.2026 that includes 51 pages.

Test report No. 6012-PT-R0048-25 dated 13.01.2026 that includes 17 pages.

Test report No. 6012-PT-R0049-25 dated 09.01.2026 that includes 36 pages.

Test report No. 8551-PT-E0338-25 dated 12.11.2025 that includes 37 pages.

OIML type evaluation report:

No. 0511-ER-N021-25 dated 14 January 2026 that includes 12 pages

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

0511-UL-N021-25

OIML Certificate History

Revision No.	Date	Description of the modification
-	23 January 2026	Issuing of certificate

The OIML Issuing Authority

Ing. František Staněk, PhD.

Deputy Director of Certification Body



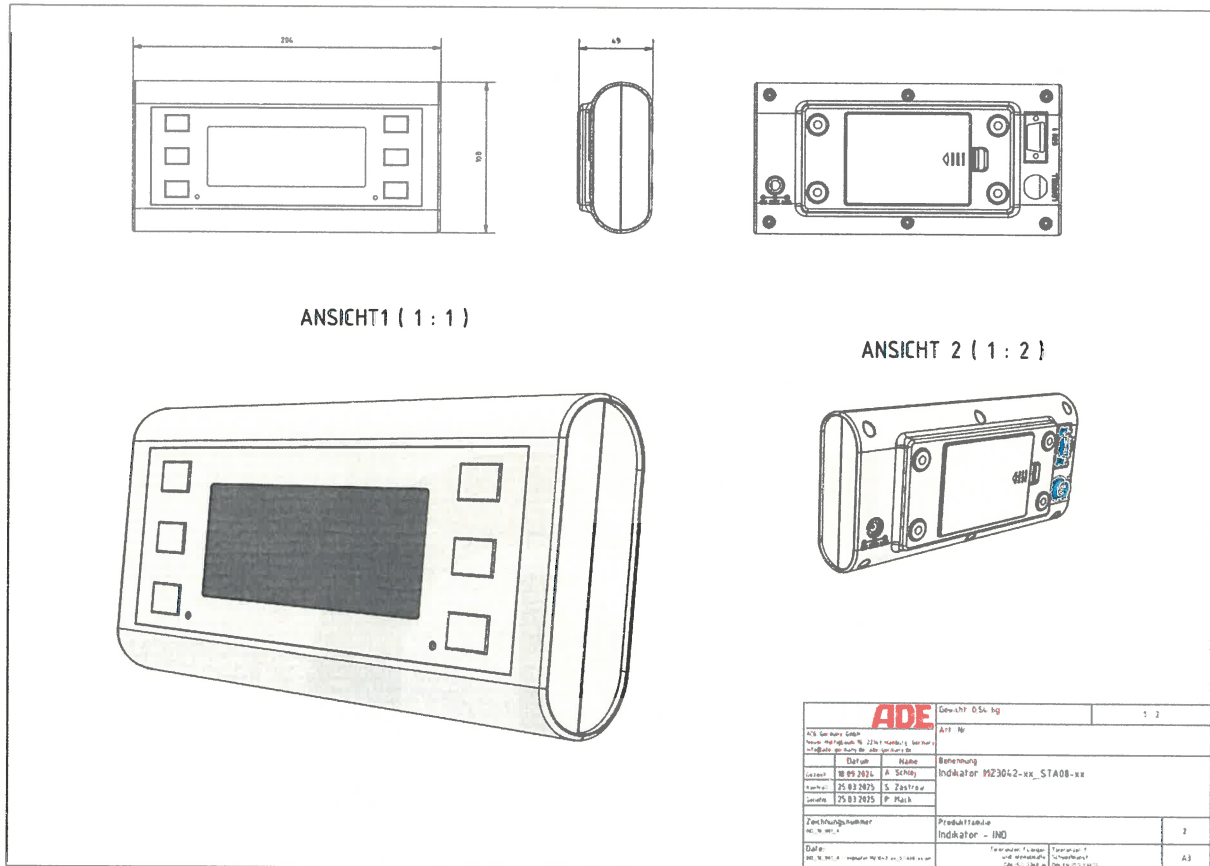
Date: 23 January 2026



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.

1 Characteristics of the instrument

The electronic indicator type MZ3042 is intended for use as indicator for non-automatic weighing instruments for medical applications. The instrument is a Class III, self-indicating weighing instrument with single- or dual-range, an external AC mains adapter and an internal rechargeable battery (optional).



2 Metrological characteristics

Type	MZ3042
Ingress protection rating	IP52
Display	LCD
Operating temperature	-10°C / +45 °C
Storage temperature	-20°C / +60 °C
Accuracy class OIML R76	III
The applied error fraction p_1	0.5
Weighing software version	O.1.yy
Application software version	A.x.yy
Operating system	Embedded
Primary indication unit	kg
Weighing range configuration	Single or dual range
Max	≤ 3 000 kg
Verification Scale interval e	≥ 0.5 g
Actual Scale interval d	≥ 0.1 g
Maximum number of Verification Scale Intervals (per Weighing Range) n	≤ 3000
Maximum number of actual scale interval	≤ 10000
Maximum subtractive Tare effect	-Max

Minimum signal voltage per verification scale interval ($\mu\text{V}/e$)	0,5
Load cell excitation voltage (V)	3,3
Load cell excitation waveform (V)	DC
Minimal load cell impedance (Ω)	87
Maximal load cell impedance (Ω)	1200
Load cell connection	4-wire, 6-wire
Maximum value of the cable length per cross wire section between the indicator and the junction box or load cells	50 m/mm ² In case sense technology is not used the load cells are connected directly without junction box or extension cable
High resolution mode	10x
Power supply, voltage	4x AA 1,5V DC Batteries or 6.0 VDC, 1.0A by AC/DC plug – in power supply or 1x Lithium-Ion 3,7V Battery Pack

3 Devices and functions

- determination of stability of equilibrium
- indication of stable equilibrium
- zero indicating
- initial zero setting $\leq 20\%$ Max
- zero tracking $\leq 4\%$ Max
- semi-automatic zero setting $\leq 4\%$ Max
- semi-automatic tare balancing (subtractive)
- Preset tare device
- Hold function

3.1 Additional Instrument Functions

In addition to its primary weighing function, the instrument incorporates supplementary features including:

- Body Mass Index (BMI) calculation
- Length measurement
- Print function

These additional functions have not been tested for compliance.