



# **EVIDENCE OF APPROVAL**

## **IN THE RANGE OF LABORATORY TESTING**

**No. LBU – 001/2020**  
**Issue 03 of 2023.01.30**

**Research and Measurement Laboratory in Łódź**  
**ZAE ERGOM Sp. z o.o.**  
**10 Nowe Sady Str., 94-102 Łódź, Poland**

obtained recognition of Certification Body of IEN  
in the scope of performing laboratory tests and meets the criteria for the technical requirements  
specified in clauses 6 and 7 of PN-EN ISO/IEC 17025:2018-02 (ISO/IEC 17025:2017)

**Test stands for testing of connectors and cable terminals  
for compression and mechanical connections:**

- 1. Heat cycle test stand No. 1, No. 2, No 3**
- 2. Strength mechanical test stand**
- 3. Resistance measurement test stand**

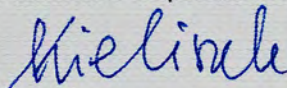
Certification Department of IEN confirms the validity of test and measurements procedures applied by  
the Research and Measurement Laboratory at ZAE ERGOM Sp. z o.o.  
for tests according to the following standards:

**PN-EN IEC 61238-1-1:2020-06,**  
**PN-EN IEC 61238-1-3:2020-01, PN-EN IEC 61238-1-3:2020-01/A11:2020-06**  
**IEC 61238-1-1:2018 ed. 1.0,**  
**IEC 61238-1-3:2018 ed. 1.0, EN IEC 61238-1-3:2019/A11:2019**

Recognized test methods are given in Appendix No. 1

This evidence of approval is valid from **30<sup>st</sup>** of **January 2023** until **01<sup>st</sup>** of **December 2024**

Head of Certification and Inspection Department

  
Andrzej Kieliszek M.Sc.Eng.



## APPENDIX No. 2 TO EVIDENCE OF APPROVAL

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### Recognized test methods in the range of standards:

- PN-EN IEC 61238-1-1:2020-06, IEC 61238-1-1:2018 ed. 1.0,
- PN-EN IEC 61238-1-3:2020-01, PN-EN IEC 61238-1-3:2020-01/A11:2020-06,  
IEC 61238-1-3:2018 ed. 1.0, EN IEC 61238-1-3:2019/A11:2019

1. Resistance measurement connectors - cl. 6.2.1 and cl. 6.2.2 of both standards
2. Temperature measurement connectors - cl. 6.2.3 and cl. 6.3.4 of both standards
3. Mechanical strength connectors – cl. 7.2 of both standards