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Relevant document Directive 2014/32/EU of the European parliament and of the council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of measuring instruments (MID)

Manufacturer Bemko Sp. z o. o.
ul. Bocznicowa 13
05-850 Jawczyce
Poland

Measuring instrument An **electrical energy meter**
Type : SL015-M-MID, SL01A-MBUS-MID, SL01A-MID

Result The technical design of the measuring instrument has been evaluated by carrying out examinations and tests in accordance with the relevant documents as mentioned on the following pages. As a result it has been concluded that the measuring instrument meets the essential requirements of Directive 2014/32/EU (MID). The examination has resulted in EU-type examination certificate no. T11951 revision 0.

The executed evaluations, reference documents and reports used during the examination are described on the following pages.

Issue Date 17 September 2020



E. Kokshoorn
Team Leader

1 Examinations according to the Directive

Furthermore, the activities listed in point 4 of Annex II, module B of Directive 2014/32/EU are executed with the results as stated in the table below.

Point	Activity	Performed and Passed [yes/no/N.A.]
4.1	Examine the technical documentation	Yes
4.2	Verify that specimens have been manufactured in conformity with the technical documentation	Yes
	Identify elements designed in accordance with the relevant provisions of the relevant documents	Yes
	Identify elements which have been designed without applying the relevant provisions of the relevant documents	N/A
4.3	Carry out the appropriate examinations and tests, or have them carried out, to check whether, where the manufacturer has chosen to apply the solutions in the relevant documents, these have been applied correctly	Yes
	Applied harmonised standard / normative document	See next chapter
4.4	Carry out the appropriate examinations and tests, or have them carried out, to check whether, where the manufacturer has chosen not to apply the solutions in the relevant documents, the solutions adopted by the manufacturer meet the corresponding essential requirements of this Directive	N/A
4.5	Agree with the applicant on the location where the examinations and tests are carried out	Yes
4.6	Examine the technical documentation and supporting evidence to assess the adequacy of the technical design of the other parts of the measuring instrument	Yes

2 Harmonized standards, normative documents and / or recommendations

The measuring instrument is examined in accordance with the relevant document listed in this Evaluation Report, page 1.

The following harmonized standards, normative documents and / or recommendations are applied:

- EN 50470-1 "Electricity metering equipment (a.c.) – Part 1: general requirements, tests and test conditions – Metering equipment (class indexes A,B and C)";
- EN 50470-3 "Electricity metering equipment (a.c.) – Part 3: Particular requirements – Static meters for active energy (class indexes A, B and C)";

- IEC 62052-11 "Electricity metering equipment (AC) – General requirements, tests and test conditions – Part 11: Metering equipment";
- IEC 62053-21 "Electricity metering equipment (AC) - Particular requirements - Part 21: Static meters for active energy (classes 1 and 2)";
- WELMEC 7.2, 2015 "Software Guide";
- CLC/TR 50579 "Electricity metering equipment - Severity levels, immunity requirements and test methods for conducted disturbances in the frequency range 2 -150 kHz"

3 Report(s)

The conformity was established by the results of tests and examinations provided in the associated report(s):

Test	Part / Type	Report	Remarks
Complete evaluation up to 18-07-2016.	DRS-205(A&D)	NMi-15200659-01 NMi-15200659-02	EN 50470-1 (2006-10) EN 50470-3 (2006-11) IEC 62052-11 (2003-02) IEC 62053-21 (2003-01) WELMEC 7.2
Complete evaluation up to 13-04-2018.	DRS-205C	NMi-1901528-01 NMi-1901528-04 2018F14-30-000111	EN 50470-1 (2006-10) EN 50470-3 (2006-11) IEC 62052-11 (2003-02) IEC 62053-21 (2003-01) WELMEC 7.2

4 Additional Evaluations

This Evaluation Report is supplemented by the following additional evaluations:

Test	Part / Type	Document	Remarks
Verification of sealing	DRS-205	Sealing v2	

5 Revision History

Project no.	Rev.	Date	Report / Document	Description / Remarks
2522533	0	17-09-2020		Initial issue, parallel certificate of Fengyilong, type DRS-205 (T10753).