

## EU-TYPE EXAMINATION CERTIFICATE

|                     |   |   |  |
|---------------------|---|---|--|
| Certificate number  | 1744-18   |   |  |
| Applicant           | Elster Electricity, LLC   |   |  |
| Contact person      | Mr. R. Cabrera  |   |  |
| Address             | 208 South Rogers Lane   |   |  |
| Postal code, City   | NC 27610, Raleigh   |   |  |
| Country             | U.S.A.  |   |  |
| Manufacturer        | Elster Electricity, LLC   | Forth Corporation Public Co., LTD.  | Elster Rometrics SRL   |
| Address             | 208 South Rogers Lane<br>NC 27610, Raleigh                                  | 77 moo11 Phuttamonton<br>5 Road, Raikhing Sampran<br>District<br>Nakronpratom | DN 6 Lugoj-Timisoara<br>km 551+330 m<br>Ghiroda, 307200<br>Judetul Timis |
| Country             | U.S.A.  | Thailand  | Romania  |
| Instrument          | Electronic three-phase four-wire energy meter.<br>Direct connected          |   |  |
| Mark - Type         | A1800   |   |  |
| Register            | LCD   |   |  |
| Accuracy Class      | 1 and 2 / C, B and A  |   |  |
| Measurement range   | 100/173 – 240/415 V, 5(120) A, 50 or 60 Hz<br>500 imp./kWh / 500 imp./kvarh |   |  |
| Temperature range   | -25..55°C   |   |  |
| Use                 | Indoor  |   |  |
| Protection Class    | II  |   |  |
| Environmental class | M1,E2   |   |  |
| Registry method     | Programmable  |   |  |

The energy meters meet the requirements of Directive 2014/32/EU, on the harmonisation of the laws of Member States relating to the making available on the market of measuring instruments (recast).


Certification was based on compliance with the following harmonised standards:

|                 |   |
|-----------------|---|
| EN 50470-1:2006 | Electricity metering equipment (a.c.)-part 1: General requirements, tests and test conditions - Metering equipment (class indexes A, B and C) |
| EN 50470-3:2006 | Electricity metering equipment (a.c.)-part 3: Particular requirements - Static meters for active energy (class indexes A, B and C)            |
| Valid until     | 11 December 2028  |

Based on a non-recurrent examination.

Version 1 of this certificate. The results are recorded in the following annex: test report 1743-18.

DNV GL Netherlands B.V.

  
Bas Verhoeven  
Director, High-Voltage  
Laboratory



Arnhem, 11 December 2018

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