

EU-TYPE EXAMINATION CERTIFICATE

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|---------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Certificate number | 1429-14 |
| Manufacturer | ZIV Aplicaciones y Tecnología S.L. |
| Contact person | Ms. Cristina Martinez |
| Address | Parque Tecnológico, 210 |
| Postal code, Place | 48170 Zamudio |
| Country | Spain |
| Production site | ZIV Aplicaciones y Tecnología S.L. |
| Address | Parque Tecnológico, 407 |
| Postal code, Place | 48170 Zamudio |
| Country | Spain |
| Instrument | Electronic single-phase two-wire energy meter Direct Connected |
| Mark - Type | 5CTM-E2C rev. F |
| Register | LCD |
| Accuracy Class | 1/B (Wh), 2 (varh) |
| Measurement range | 127 – 230 V 0,25 5(80) A 50 Hz 1000 imp./kWh |
| Temperature range | -25 70 °C |
| Use | Indoor |
| Protection Class | II |
| Environmental class | M1, E1 and E2 |
| Registry method | Bi-directional method separate registers: received- and delivered energy of the whole connection is added in separate registers |

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:

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|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 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 | 26 September 2026 |

Based on a non-recurrent examination.

Version 4 of this certificate. The results are recorded in the following annex: test report 1225-18.

KEMA Nederland B.V.



J.P. Fonteijne
Executive Vice President
KEMA Laboratories



Arnhem, 26 September 2016

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