

EU-TYPE EXAMINATION CERTIFICATE

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).

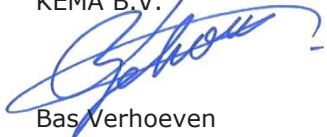
Certification was based on compliance with the following harmonised standards:

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 March 2030

Based on a non-recurrent examination.

Version 7 of this certificate. The results are recorded in the following annex: test report 1092-20 V3.

KEMA B.V.


Bas Verhoeven
Director, High-Voltage
Laboratory