



# CERTIFICATE

## EC-Type examination certificate TIC 1438-14A

Manufacturer	: ZIV Metering Solutions S.L.
Contact person	: Ms. Cristina Martinez
Address	: Parque Tecnológico, 210
Postal code, Place	: 48170 Zamudio
Country	: Spain
Production site	: ZIV Metering Solutions S.L.
Address	: Parque Tecnológico, 210
Postal code, Place	: 48170 Zamudio
Country	: Spain
Instrument	: Electronic single-phase two-wire energy meter Direct connected
Mark - Type	: 5CTME2C477
Register	: LCD
Accuracy Class	: 1 / B for active energy, 2 for reactive energy
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
Registry method	: Bi-directional method separate registers: received- and delivered energy of the whole connection is added in separate registers

The energy meter meets the requirements of Directive 2004/22/EC of the European parliament and the council of 31 March 2004 on measuring instruments.

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 : 7 August 2024

Based on a non-recurrent examination.

The results are recorded in the following annex: test report TIC 1438-14A.

KEMA Nederland B.V.  
Arnhem, 11 September 2014

  
ing. S.A.M. Verhoeven  
Business Line Director Testing, Inspections & Certification  
Notified body number 2290