



# CERTIFICATE

## EC-Type examination certificate 6997-12

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 : 5CTM-E2C rev E.  
Register : LCD  
Accuracy Class : B (Wh)  
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:

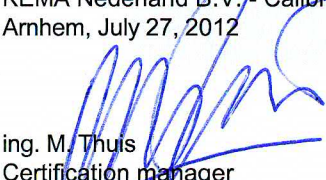
EN 50470-1 (2006) : Electricity metering equipment (a.c.)-part 1: General requirements, tests and test conditions - Metering equipment (class indexes A, B and C)  
EN 50470-3 (2006) : Electricity metering equipment (a.c.)-part 3: Particular requirements - Static meters for active energy (class indexes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

Valid until : July 27, 2022

Based on a non-recurrent examination.

The results are recorded in the following annex: test report 72140971-TIC 6997-12.

KEMA Nederland B.V. - Calibration & Metering  
Arnhem, July 27, 2012

  
ing. M. Thuis  
Certification manager  
Notified body number 2290

The investigation reported here does not confer any right to use an approbation mark granted by KEMA.

Integral publication of this certificate and adjoining reports is allowed.  
This certificate is issued provided that neither KEMA nor the RvA assumes any liability.

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ing. S.A.M. Verhoeven  
Director Testing, Inspections & Certification