



# Presentation



# History

01.05.1970

Formal incorporation of FAEM TIMISOARA as manufacturer of measuring instruments for electrical values and of electrical devices for automations.

1972

Production of first single phase electricity meter in FAEM.  
Growth in the production of single-phase and three-phase electricity meters, as well as various panel instruments and regulators.

1980-1990

Transformation of FAEM/IAEM into AEM SA

1994-1996

- Introduction of new product lines, enlarging the scope of the company as a supplier of measuring instruments.
- Expansion of product range, modernization of manufacturing processes.
- Implementation of a formal quality system, in accordance with ISO 9001, certified by SRAC (Romanian Quality Assurance Agency).
- Setup and development of a robust internal IT network.

1998-1999

- Privatization of SC AEM SA, the majority of shareholder being SC LUXTEN LIGHTING COMPANY SA.
- Formal certification of the company quality management system in accordance with ISO 9001, by the KEMA Institute, The Netherlands.
- Setup of the LUXTEN LIGHTING COMPANY GROUP, with SC AEM SA becoming the AEM Timisoara subsidiary of Luxten Lighting Co.



# History

1999-2006

Additional investment of over 24.5 million USD, contributing to the successful restructuring and reorganization of the company

Further modernization of key operational processes:

1. Manufacturing processes, by :
  - Outfitting with modern equipment for the automation of workflows and basic technologies;
  - Air-conditioning certain manufacturing spaces, ensuring the level of environmental quality required by technical specifications.
2. Design processes, by :
  - Outfitting with state-of-the-art hardware and software tools for computer-aided product design.
  - Further investment in enhancing the social and work climate for the company's 1,560 employees

2007

- Reconversion of the AEM Timisoara subsidiary of Luxten Lighting Co. into the distinct legal entity SC AEM SA
- SC AEM SA is firmly established as a supplier of a complete range of meters for utilities, with a high level of expertise and competitiveness on a global level.

2007-2009

Investment of over 3,5 million EUR in the modernization of processes, R&D, infrastructure, improvements and the enhancement of working conditions for the company's 1,450 employees.

2010-2020

- The modernization of technology and the augmentation of the production capacity was one of the main objectives of this period.
- Investments of over 55 million Euros were done between 1999-2020 in machinery, installations and production lines for smart meters used for measuring the consumption of electricity and gas.

# PRODUCTS

## ELECTRIC ENERGY METERS

# → SINGLE-PHASE ELECTRONIC METERS



CSM 0201

- electronic meters with LCD display, one tariff, with or without optical port and communication possibilities
- Class A, B for active energy



CSM 0202

- single-phase static meters for active energy, class 1
- single tariff meters, with power level indicator
- provided with pulse output and optical port



## ELECTRIC ENERGY METERS

### ➔ SINGLE-PHASE ELECTRONIC METERS



iCSM 0601

- Latest generation, multifunctional meters
- Active energy metering in four quadrants, class A or B (EN 50470 - 1, 3)
- Four-quadrant reactive energy metering, class 2 (NML 027-05, IEC 62053-23)
- Maximum power recording



ENERLUX® M

- meters of the latest generation, with 4 tariffs, multifunctional
- max. overload 1600%, class 1;
- anti-theft facilities
- communication possibilities



## ELECTRIC ENERGY METERS

# → THREE-PHASE ELECTRONIC METERS



CST 0420

- modular communication interface (PLC GSM)
- 3x230/400V, 5/100A
- breaker
- optical interface
- tariff energy registers



CST 0410

- meters of the latest generation, multi-tariff, multifunctional
- active and reactive energy metering in 4 quadrants, class 0.2S; 0.5S; 1 for active energy
- demand registering
- communication possibilities



CST 0410L

- meters of the latest generation, single-tariff
- active, reactive energy
- maximum demand
- communication possibilities



# GAS METERS

**GNM G4E**  
with electronic index  
and shut-off valve



- according to UNI/TS 11291-6
- cyclic volume: 1.2 dm<sup>3</sup>
- mechanical transmission
- communication interfaces
- high temperature resistance

**G 1,2 - G1.6 - G2.5 - G4**



- according to EN 1359
- max. flow: 2.5... 6 m<sup>3</sup>/h
- cyclic volume 1.2 dm<sup>3</sup>
- magnetic or mechanical transmission;
- high temperature resistance

**G6 type gas meters**



- according to EN 1359
- for measuring the gas consumption of residential or commercial consumers
- max. flow 10m<sup>3</sup>/h
- cyclic volume: 3.5 dm<sup>3</sup>
- high temperature resistance

**Ultrasonic gas meter G4EUS**



- Cooperation between AEM and Panasonic
- according to EN 14236
- Max. flow 6m<sup>3</sup>/h
- GSM module for communication / or RF169 MHz
- high temperature resistance



# GAS METERS

GN G4T/G4TC SP  
Single - Pipe Meter



- according to EN 1359
- cyclic volume: 2 dm<sup>3</sup>
- diaphragms with high quality synthetic cloth
- magnetic transmission
- high temperature resistance

GN G4E



- distance between connections: 250mm
- volumetric, diaphragm meter
- according to EN 1359;
- Electronic index with LCD;
- optical interface according to EN 62056-21
- the communication protocol in compliance with EN 60870-5; M-Bus (wired) communication module or radio communication module
- high temperature resistance

G4 type Gas Meter  
GrDF – France  
(reduced dimensions)



- complies with EN 1359
- magnetic transmission
- can be equipped with mechanic device for temperature conversion
- high temperature resistance

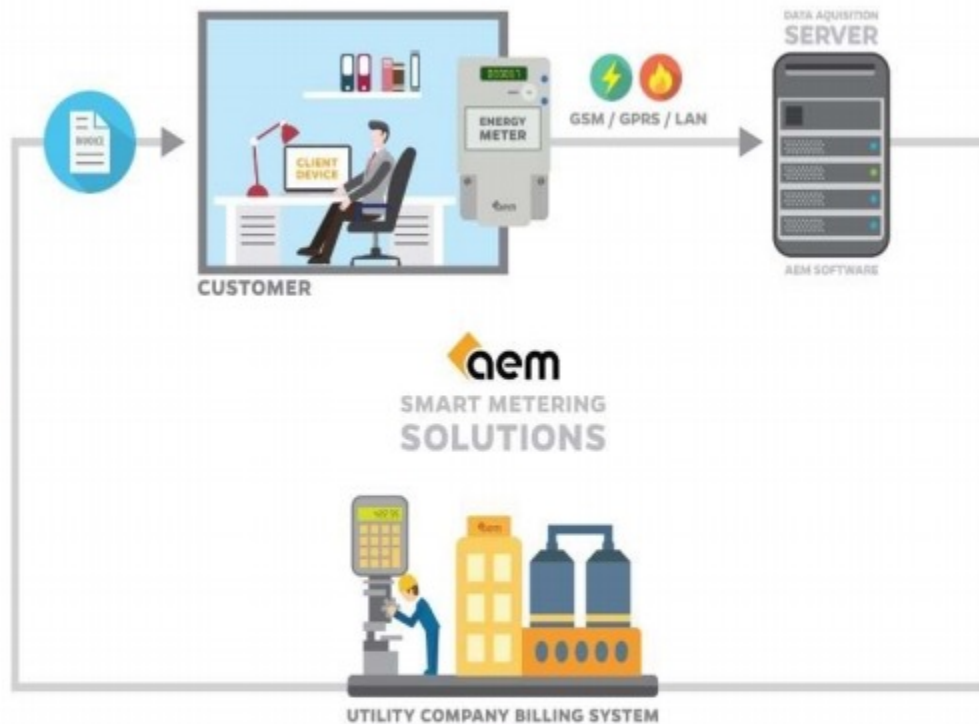


# SOLUTIONS





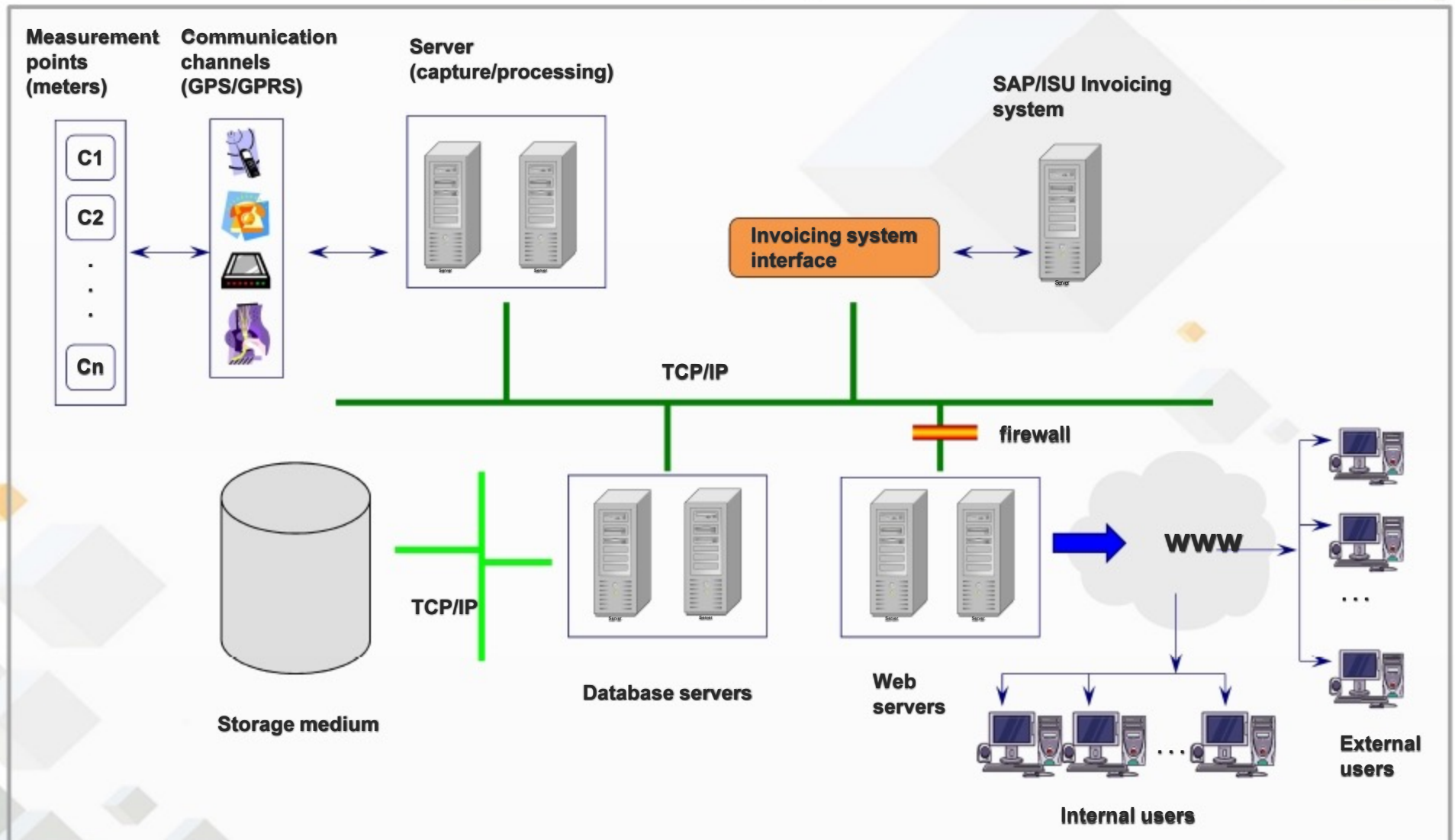
# ➔ Argus



- Argus- automatic meter reading system for electric energy management.
- Its main characteristics are reduced latency time in processing, high availability (even for high electric load) and interoperability with other systems (through a public interface).
- Argus is based on an architecture focused on services (SOA) that offers a higher flexibility.
- The system is interoperable and scalable, so it can collect data from various systems and types of meters. The central unit is made of three types of servers.

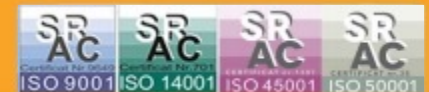


# Argus automatic meter reading system





# CERTIFICATIONS





# CERTIFICATIONS

**The Quality Management System is certified by SRAC**  
**SR EN ISO 9001 : 2015**

**The Energy Management Systems is certified by SRAC**  
**SR EN ISO 50001:2011**

**The Environment Management System is certified by SRAC**  
**SR EN ISO 14001:2015**

**The Health and Occupational Safety Management System is certified by SRAC**  
**SR EN ISO 45001:2018**





# CERTIFICATIONS

The electricity meter laboratory is accredited EN 17025 by the national body: **RENAR ROMANIA**





# CERTIFICATIONS

## MID Approvals **Module B - NMI:** Gas Meters

- the complete family of gas meters type GN and GNM

- gas meters type G4 EUS

**NMI** EU-type examination certificate

Number T10112 revision 17  
Project number 1902219  
Page 1 of 1

Issued by: NMI Certin B.V., designated and notified by the Netherlands to perform tasks with respect to conformity modules mentioned in article 17 of Directive 2014/52/EU, after having established that the Measuring Instrument meets the applicable requirements of Directive 2014/52/EU, to:

Manufacturer: S.C. AEM S.A., Str. Piata General Gheorghe Demonescu nr. 5, 385053 Timisoara, Romania

Measuring Instrument: A Diaphragm Gas Meter

Type: GN x / GNM x

Manufacturer's mark or name: S.C. AEM S.A.

Destined for the measurement of: Gas volume

Accuracy class: Class 1,5

Environment class: M2 / E1

Temperature range: See description §1.2.1

Location: Open

Further properties are described in the annex:  
- Description T10112 revision 17;  
- Documentation folder T10112-14.

Valid until: 14 April 2028

Remarks: This revision replaces the earlier versions, including its documentation folder.

Issuing Authority: NMI Certin B.V., Notified Body number 0122  
28 March 2019

C. Oudejans  
Head Certification Board

NMI Certin B.V.  
The Hague 17  
2020 in Dutch  
The Netherlands  
T +31 78 638 2333  
www.nmi.nl  
nmi-certin.nl

This document is issued under the provision that the holder is accepted as part of the manufacturer's self-declared conformity declaration.  
The designation of NMI Certin B.V. as Notified Body can be verified at <http://nmi.netherlands.nl/notify-bodies/database.html>

Representation of the complete document only is permitted.

NMI 172

**NMI** Description

Number T10112 revision 17  
Project number 1902219  
Page 1 of 5

**1 General information about the gas meter**

All properties of the gas meter, whether mentioned or not, shall not be in conflict with the legislation.

The meter is assessed as follows:

- A gas meter with a mechanical register, indicating the volume at metering conditions, conform paragraph 2.1 of ANNEX IV (M1-002) or
- A gas meter with an electronic register, indicating the volume at metering conditions, conform paragraph 2.1 of ANNEX IV (M1-002) or
- A gas meter with a mechanical register, indicating the volume at base conditions only, conform paragraph 2.2 of ANNEX IV (M1-002) or
- A gas meter with an electronic register, indicating the volume at base conditions only, conform paragraph 2.2 of ANNEX IV (M1-002)

From 14 April 2018 onwards, for the meters with electronic index, conformity with the essential requirements of directive 2014/52/EU (M1) is not demanded and instruments with these parts may no longer be placed on the market.

**1.1 Essential parts**

Description	Documentation	Remarks
Diaphragm	101120-06	Material: Synthetic rubber, manufacturer EPFES France. Material type: 401615P-Tp854-23 mm or 401617P-Tp85-0.2 mm
Valve and valve seat	101120-07 101120-08 1011210-01 1011210-02	G4 valve G4 measuring unit
Temperature compensation	101120-06	Applicable for GN G4T(C) and GN G4C1(S) meters.
Temperature adjustment mechanism	1011212-01 1011213-01 1011214-01	Optional for GNM G4T(E) and GNM G4C1(E) meters. The temperature adjustment mechanism improves the temperature behaviour of the meter.

**NMI** EC type-examination Certificate

Number T10478 revision 0  
Project number 1220034  
Page 1 of 1

Issued by: NMI Certin B.V., designated and notified by the Netherlands to perform tasks with respect to conformity modules mentioned in article 9 of Directive 2006/23/EC, after having established that the Measuring Instrument meets the applicable requirements of Directive 2006/23/EC, to:

Manufacturer: S.C. AEM S.A., Calea Bucurestilor nr. 26, Timisoara 300630, Romania

Measuring Instrument: An Electronic Gas Meter

Type: G4 EUS

Destined for the measurement of: Gas volume of natural gas, group H,S,E

Convention: The meter presents volume at base conditions only

Accuracy class: Class 1,5

Environment class: M2 / E1

Temperature range: -25 °C / +55 °C

Designed for: Condensing humidity

Location: Closed

Symbol	Q <sub>ref</sub> (m³/h)	Q <sub>ref</sub> (m³/h)	Q <sub>ref</sub> (m³/h)
A	B	C	D
		0,500	0,6

Further properties are described in the annex:  
- Description T10478 revision 0;  
- Documentation folder T10478-1.

Valid until: 27 November 2022

Issuing Authority: NMI Certin B.V., Notified Body number 0122  
27 November 2012

C. Oudejans  
Head Certification Board

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The Hague 17  
2020 in Dutch  
The Netherlands  
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www.nmi.nl  
nmi-certin.nl

This document is issued under the provision that the holder is accepted as part of the manufacturer's self-declared conformity declaration.  
The designation of NMI Certin B.V. as Notified Body can be verified at <http://nmi.netherlands.nl/notify-bodies/database.html>

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NMI 172



# CERTIFICATIONS

## G4 EUS CERTIFICATES

EU-Type Examination Certificate

G4 EUS RF 169 MHz

G4 EUS GSM/GPRS

No. 0051-RED-0002 Rev. 0

### EU-TYPE EXAMINATION CERTIFICATE

*CERTIFICATO DI ESAME UE DEL TIPO*

In application of Annex III of Directive 2004/53/EC, on the basis of our assessment carried out according to Module B (EC-type examination), we hereby certify that the following radio equipment: **In applicazione dell'Allegato II della Direttiva 2004/53/CE, sulla base della nostra valutazione effettuata in accordo al modulo B (ESAME UE DEL TIPO), si certifica che l'apparecchiatura radio:**

**APPLICANT / Richiedente**

NAME / Nome: AEM S.A.  
 ADDRESS / Indirizzo: Calea Buziasului str. Nr 26 - Timisoara 300693 Romania

**APPARATUS / Apparecchio**

TYPE / Tipo: Electronic gas meter - Contatore elettronico per gas  
 MODEL / Modello: G4EUS-2  
 TRADE MARK / Marca:

**TECHNICAL FILE / DOCUMENTAZIONE TECNICA**

FILE REFERENCE / Denominazione fascicolo: G4EUS-2 GPRS  
 ISSUED BY / Redatto da: AEM  
 DATE / Data: 2016-08-18

S.A. - not applicable - non applicabile

IMQ S.p.A. - Sede e Direzione Generale  
 Via S. Maria Goretti, 11  
 00144 Roma, Italia  
 Tel. +39 06 574911  
 Fax +39 06 574912  
 Email: info@imq.it  
 Web: www.imq.it

Fig. 1/5  
 Mod. 32160

### TECHNICAL EVALUATION

No. SV16-0005456-01

Partially test performed in accordance with  
**UNI TS 11291-11-6:2015**  
 (par. 8.2.1 & 8.2-1a)

**PRODUCT DEPARTMENT TESTS LABORATORY**

PRODUCT	Smart Gas Meter
MODEL(X) TESTED	G4 EUS-2 RF
TRADE MARK(X)	AEM
APPLICANT	AEM S.A. - Calea Buziasului, 26 - 300693 Timisoara (RO)

Tested by	Luigi Panzeri
Approved by	Stefano Ferrari

**Revision Sheet**

Release No.	Date	Revision Description
Rev. 0	2016-11-17	First edition Digit signed: 0116 000498 01_16_16 TS 11291-11-6:2015 and to_AEM_Smart_Meter_G4 EUS-2 RF

The results of tests and checks reported in this Test Report refer exclusively to the samples tested and described in the Report itself.  
 The authority of this Test Report and its contents can be verified by contacting IMQ S.p.A., responsible for this Test Report.

### TECHNICAL EVALUATION

No. AT16-0003843-01

Test performed in accordance with  
 Applicant request

**PRODUCT DEPARTMENT TESTS LABORATORY**

PRODUCT	Ultrasonic gas meter
MODEL(X) TESTED	G4EUS-2
TRADE MARK(X)	
APPLICANT	AEM S.A. Calea Buziasului str. Nr 26 - Timisoara 300693 Romania

Tested by	Roberto Torri (Laboratory technician)
Approved by	Giovanni Di Turi (Laboratory manager)

**Revision Sheet**

Release No.	Date	Revision Description
Rev. 0	2016-10-07	First edition Digit signed: 0116 000498 01_16_16 TEST 0003843-01 AEM_Smart Meter G4EUS-2

The results of tests and checks reported in this Test Report refer exclusively to the samples tested and described in the Report itself.  
 The authority of this Test Report and its contents can be verified by contacting IMQ S.p.A., responsible for this Test Report.



# CERTIFICATIONS

## MID Module D - NMI:

### Gas meters and active electrical energy meters

**NMI** EU quality system Approval

**Certificate: CE-093** (replaces certificate of 24 March 2017)

NMI Certin B.V., designated and notified by the Netherlands to perform tasks with respect to conformity modules mentioned in Article 17 of 2014/32/EU, declares that the quality system of

**S.C. AEM S.A.**  
 Piața General George Dăncășanu nr. 5  
 306033, Timișoara  
 Romania

meets the applicable requirements of Annex II, Module D of Directive 2014/52/EU for the conformity assessment of:

**Gas meters and active electrical energy meters**  
 Scope of the certificate is described in the annex of CE-093.

The certificate is initially granted on 14 April 2016.

This certificate remains valid until **14 April 2020**, under the condition that the quality system is maintained satisfactory.

NMI Certin B.V., Notified Body number 0122  
 17 May 2016

C. Oudejans  
 Head Certification Board

NMI Certin B.V., Timișoara 10, 3003 LA Dordrecht, The Netherlands, T +31 78 620 1100, certin@nmi.nl, www.nmi.nl

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This designation of NMI Certin B.V. as notified Body can be verified at <http://nmi.europa.eu/eng/notifybodies/default.asp>

**NMI** Page 1 of 3

Annex 1 to certificate number: CE-093  
 Valid from: 24 March 2017 until: 14 April 2020  
 Replaces annex of: 14 October 2016

List of EU-type examination certificates or EC-type examination certificates:

Active electrical energy meters

Certificates	Type	Manufacturer	Trade Mark
CE-09-M003-PT0019	CMA	S.C. AEM S.A.	S.C. AEM S.A.
CE-09-M003-PT0020	T-JCA43M	S.C. AEM S.A.	S.C. AEM S.A.
RD-2275-13764	CST0410	S.C. AEM S.A.	S.C. AEM S.A.
RD-2275-14195	CST0410L	S.C. AEM S.A.	S.C. AEM S.A.
RD-2275-14197	CST0410E	S.C. AEM S.A.	S.C. AEM S.A.
SP 47 77 02	Enerflux T15	S.C. AEM S.A.	S.C. AEM S.A.
T10273	E3L-AW111k2	S.C. AEM S.A.	S.C. AEM S.A.
T10320	Enerflux BW 11xxxxxx or Enerflux M BW11xxxxxx	S.C. AEM S.A.	S.C. AEM S.A.
T10429	CSM 0201 & CSM 0202	S.C. AEM S.A.	S.C. AEM S.A.
T10593	CST 0420	S.C. AEM S.A.	S.C. AEM S.A.
T10576	CSM 0203	S.C. AEM S.A.	S.C. AEM S.A.
T10577	CST 0430	S.C. AEM S.A.	S.C. AEM S.A.

Gas meters

Certificates	Type	Manufacturer	Trade Mark
T10112	GR x / GNM x	S.C. AEM S.A.	S.C. AEM S.A.
T10478	GA EUS GA EUS-2	S.C. AEM S.A.	S.C. AEM S.A.



# CERTIFICATIONS

## DVGW Certificates, gas meters product security approvals

 	
<b>DIN-DVGW-Baumusterprüfzertifikat</b> <i>DIN-DVGW type examination certificate</i>	
<b>NG-4701CL0127</b> <small>Registernummer registration number</small>	
<b>Anwendungsbereich</b> <small>field of application</small>	Produkte der Gasversorgung <small>products of gas supply</small>
<b>Zertifikatinhaber</b> <small>owner of certificate</small>	S. C. AEM S.A. Calea Buziasului 26, RO-300693 Timisoara, Timis
<b>Vertreiber</b> <small>distributor</small>	S. C. AEM S.A. Calea Buziasului 26, RO-300693 Timisoara, Timis
<b>Produktart</b> <small>product category</small>	Durchflussmessgeräte: Balgengaszähler (4701)
<b>Produktbezeichnung</b> <small>product description</small>	Balgengaszähler mit Ein- oder Zweistutzenanschluss optional mit elektronischem Zählwerk und/oder mechanischem oder elektronischem Temperaturumwerter
<b>Modell</b> <small>model</small>	GN G4T/TC/TE/TCE/TET, PN 0,5
<b>Prüfberichte</b> <small>test reports</small>	Kontrollprüfung Labor: 13/1151/4701/998 vom 14.08.2013 (EBI)
<b>Prüfgrundlagen</b> <small>test basis</small>	DIN EN 1359 (01.06.2007)
<b>Ablaufdatum / AZ</b> <small>date of expiry / file no.</small>	03.05.2020 / 15-0063-GNV
 03.05.2015 File A-1/2 <small>Gezeichnet: Josef Wimmer, Leiter der Zertifizierungsstelle ausgegeben für: Josef Wimmer, Leiter der Zertifizierungsstelle</small>	
 	

 	
<b>DIN-DVGW-Baumusterprüfzertifikat</b> <i>DIN-DVGW type examination certificate</i>	
<b>NG-4701CL0128</b> <small>Registernummer registration number</small>	
<b>Anwendungsbereich</b> <small>field of application</small>	Produkte der Gasversorgung <small>products of gas supply</small>
<b>Zertifikatinhaber</b> <small>owner of certificate</small>	S. C. AEM S.A. Calea Buziasului 26, RO-300693 Timisoara, Timis
<b>Vertreiber</b> <small>distributor</small>	S. C. AEM S.A. Calea Buziasului 26, RO-300693 Timisoara, Timis
<b>Produktart</b> <small>product category</small>	Durchflussmessgeräte: Balgengaszähler (4701)
<b>Produktbezeichnung</b> <small>product description</small>	Balgengaszähler mit Ein- oder Zweistutzenanschluss mit höherer Temperaturbeständigkeit (HTB), optional mit elektronischem Zählwerk und/oder mechanischem oder elektronischem Temperaturumwerter
<b>Modell</b> <small>model</small>	GN G4T/TC/TE/TCE/TET..., PN 0,1
<b>Prüfberichte</b> <small>test reports</small>	Kontrollprüfung Labor: 15/1135/4701/998 vom 11.06.2015 (EBI)
<b>Prüfgrundlagen</b> <small>test basis</small>	DIN EN 1359 (01.06.2007)
<b>Ablaufdatum / AZ</b> <small>date of expiry / file no.</small>	03.05.2020 / 15-0443-GNV
 03.05.2015 File A-1/2 <small>Gezeichnet: Josef Wimmer, Leiter der Zertifizierungsstelle ausgegeben für: Josef Wimmer, Leiter der Zertifizierungsstelle</small>	
 	



# CERTIFICATIONS

## MID **Module B- NMI:** Electric energy meters



Single phase electric meter:

- ➔ **CSM 0201**
- ➔ **CSM 0202**



# CERTIFICATIONS

## MID **Module B- NMI:** Electric energy meters

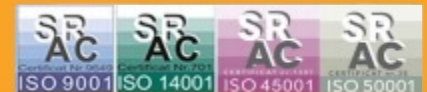
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type – CST 0420





# CUSTOMERS AND SUPPLIERS





# INTERNAL CUSTOMERS



- **ELECTRICA S.A.**



- **ENGIE ROMANIA S.A.**



- **E.ON ROMANIA S.R.L.**



- **ENEL ENERGIE S.A.**



- **CEZ ROMANIA S.R.L.**



# EXTERNAL CUSTOMERS

- GrDF - France
- GNF - Spain
- EDP - Portugal
- Rhein Energie AG - Germany
- Wien Energie Gasnetz; Tigas –Austria
- CEZ - Albania
- IZGAZ –Turkey
- STEG - Tunisia
- Electricity and Water Ministry of Kuwait
- SEWA – Sharjah; DEWA - Dubai, EAU
- KAHRAMAA - Qatar
- SEC - Saudi Arabia
- EDL - Lebanon
- Egypt Gas; Town Gas; Natgas – Egypt
- IGL; MGL – India
- ELMÚ, EDF, E.ON Hungary
- Kalmar, Lund, Kreab, Nynäshamn, Öresundskraft, Ringsjö, Landskrona, Ålem, Tekniska Verken Linköping
- Empresa Electrica Centro Sur - Ecuador
- EBB, EPM, ELECTROLIMA, EBSA, EHUI, CENS Cucuta – Colombia
- 2iReteGas; ITALGAS; G6 Rete Gas; Amgas Bari, AGSM Verona, Hera, Dolomiti, GEI – Italy
- RMG Kazakhstan
- Gradska plinara Krapina; Zilina Gas City; PPD Vukovar – Croatia



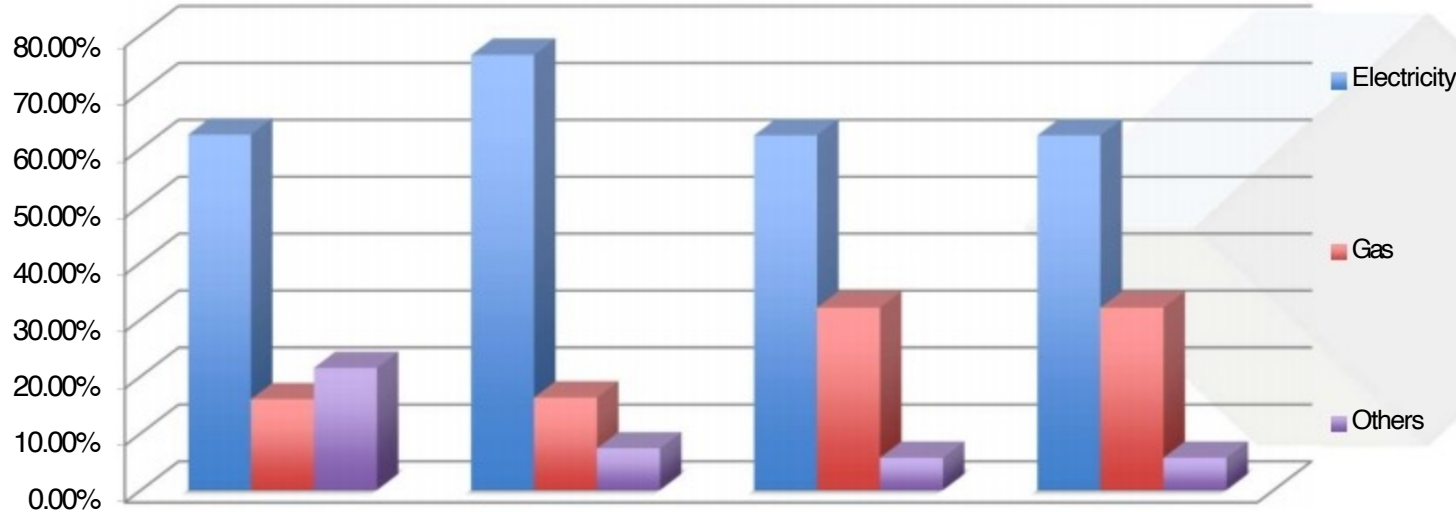
## MAIN SUPPLIERS

- **ALRO SLATINA - Romania**
- **Arrow – Netherlands**
- **BASF – Germany**
- **Bayer – Germany**
- **BEOFON – Rom ESSEX – France**
- **Dupont – Germany**
- **DURA MAGNETS – India**
- **EBV – Germany**
- **EFFBE – France**
- **ELEKTRISOLA – Germany**
- **ENTHONE - Hungary**
- **Femag – Italy**
- **EATON - Romania**
- **Fenolit – Slovenia**
- **Future Electronics – England**
- **GK – Electronics Gleichman**
- **- MSC – Germany**
- **HELLERMAN – Austria**
- **HEXION – Germany**
- **HUTA – Poland**
- **Isabellenhutte – Germany**
- **KOSICE – Slovakia**
- **LAROMET - Romania**
- **MTE – Switzerland**
- **Oswell – China**
- **Rutronik – Germany**
- **RUUKKI – Finland**
- **Sabic – Netherlands**
- **Shivalik – India**
- **Synflex – France**
- **TAEHWATRANS – Korea**
- **Texas Instruments – Texas**
- **TTI – Germany**
- **Voestalpine – Austria**
- **Wurth – Germany**
- **Thyssenkrupp - Germany**

# PRODUCTION CAPACITY INVESTMENTS



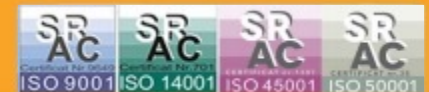
# PRODUCTION CAPACITY



	Year 2021 No. of pieces
<b>Production Capacity</b>	
Single phase electronic meters	1,300,000
Three phase electronic meters	230,000
Gas Meters	1,100,000
SMART Gas Meters	595,000
SMART Systems for electric energy measurement	Between 13-15 Million EUR



# AEM TECHNOLOGIES



# NEW TECHNOLOGIES



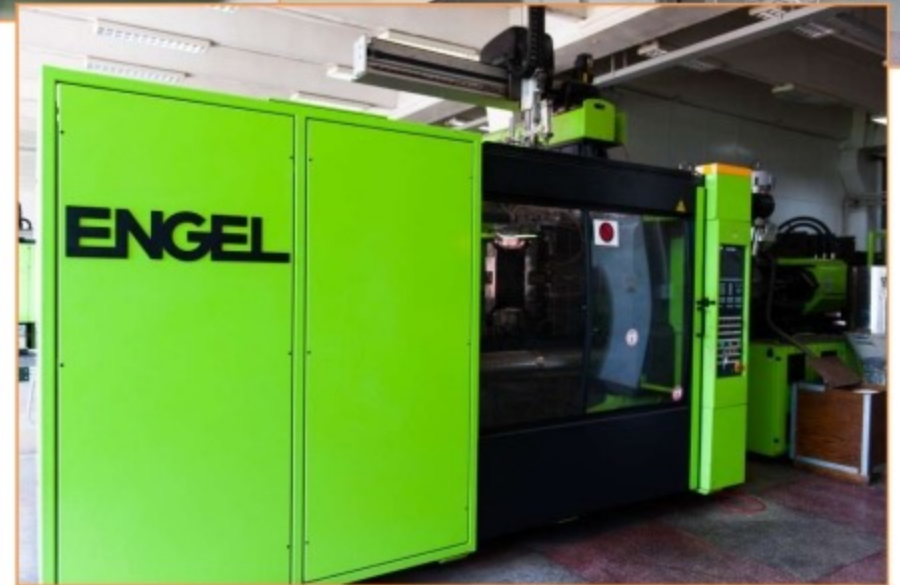


## METAL PARTS EXECUTION IN MODERN PROCESSES





## AUTOMATIC TECHNOLOGIES FOR PLASTIC MATERIAL PARTS EXECUTION



# 3D MEASUREMENT SCANNER



## AUTOMATIC LATHES



# POWDER PAINTING IN ELECTROSTATIC FIELD



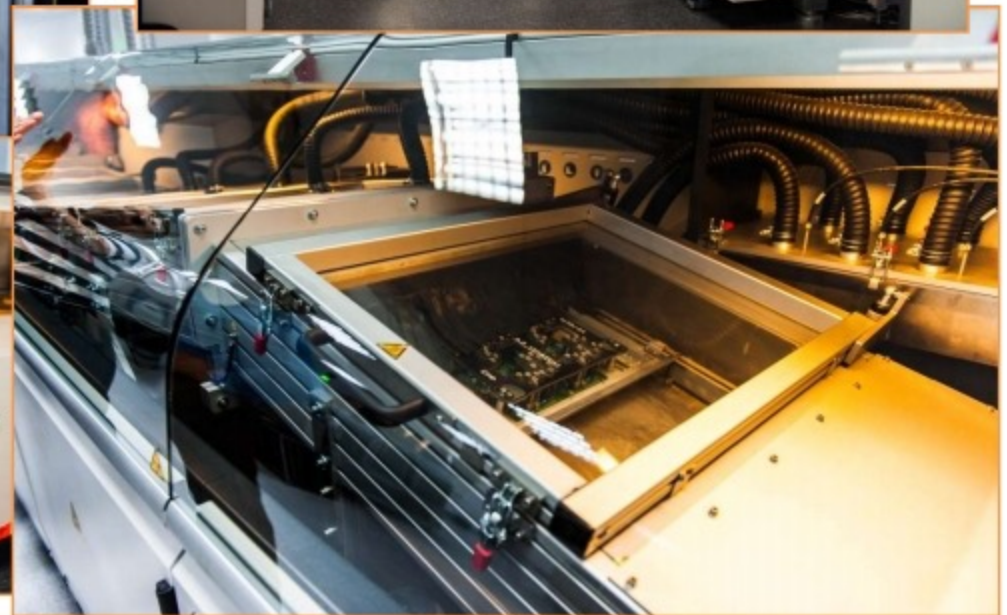
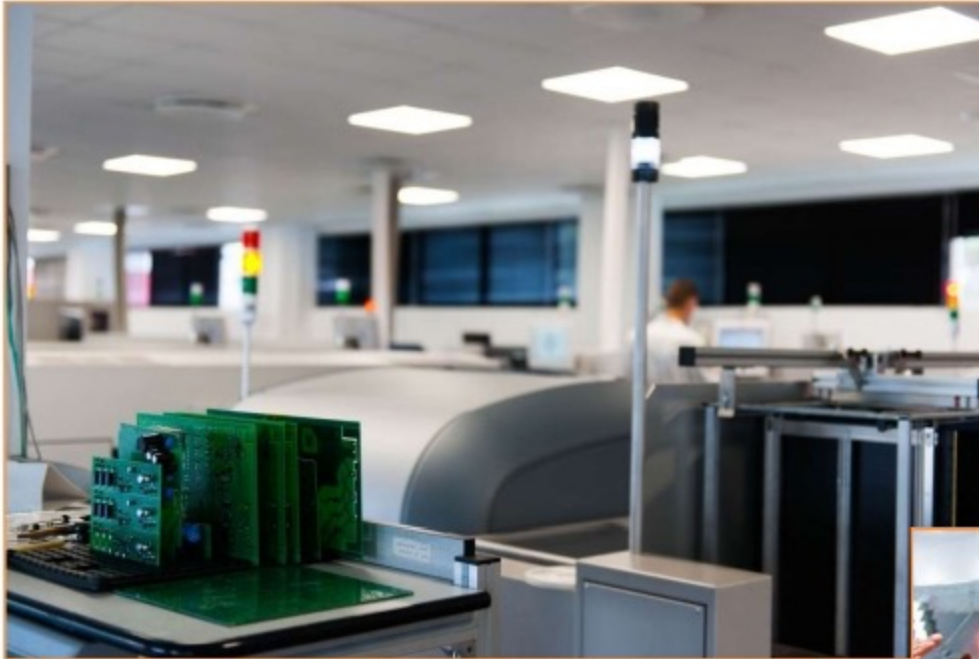
# GALVANIC PLATINGS



## GALVANIZING WORKSHOP WASTEWATER TREATMENT SYSTEM



# SMD TECHNOLOGY





# ULTRASONIC SOLDERING EQUIPMENT FOR CERM METERS



# SOLDERING EQUIPMENT HOT BLADE





# ELECTRONIC BOARDS TEST EQUIPMENT

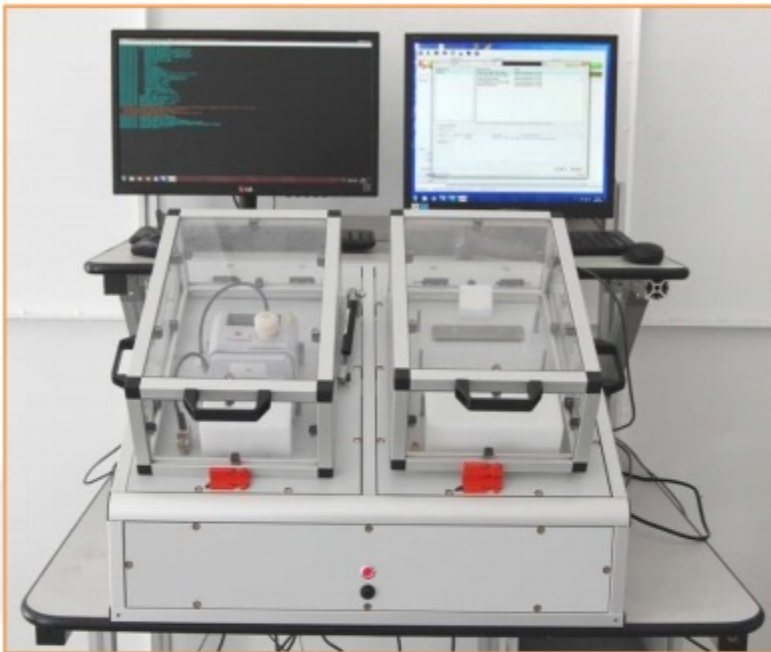


# FMT – TESTING INSTALLATION FOR ASSEMBLED METERS



# TESTING INSTALLATION FOR RELAY STATUS AND CERM & CERT METER BLOCKING

## FLASH (4 kV BREAKTHROUGH CHECK)

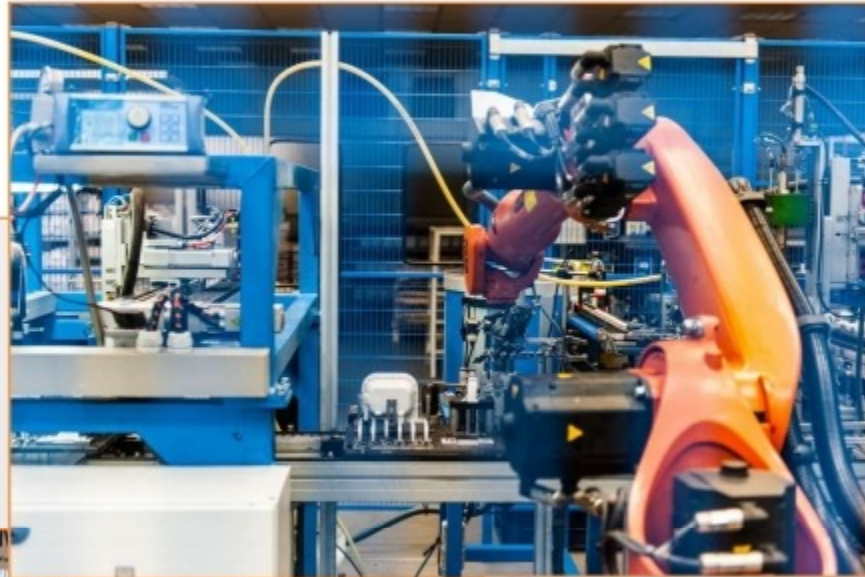


## CALIBRATION STATION FOR CERM METERS





# GAS METERS PRODUCTION PROCESSES



## CHECKING STATION FOR ULTRASONIC GAS METERS



## METROLOGICAL CHECKING FOR GAS METERS



# ELECTROMAGNETIC COMPATIBILITY LABORATORY



# SYMPOSIUMS, MEETINGS AND TRAININGS





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