

SMART METER TECHNOLOGIES

# FNF TEKNOLOJİ



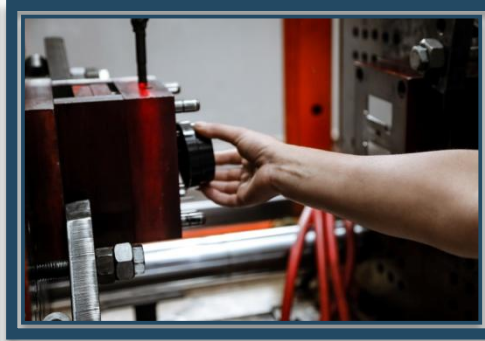
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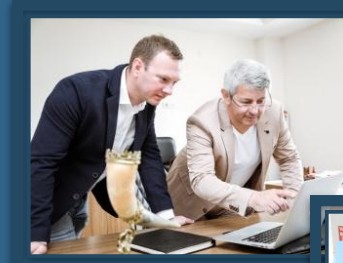
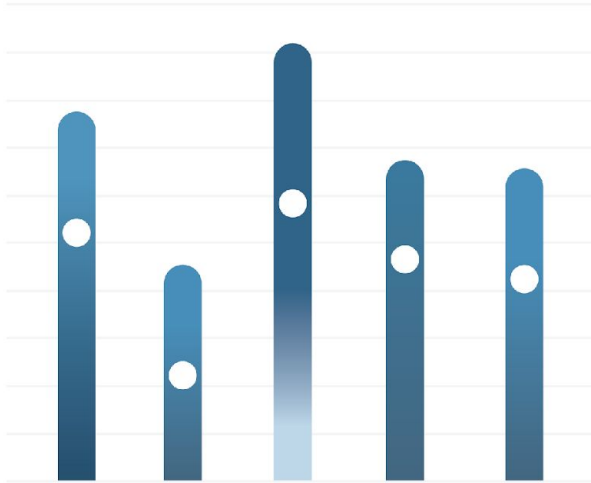
# ABOUTS

They have been in the mechanical installation industry since 1950. They have been operating in the sector since 1973 in the mechanical installation sector, such as purchase-sale, plan-project and mechanical contracting. Our other founders are; Since 1996, within the body of Erciyes University Technopark, it has provided solutions with optical reader manufacturing and software supporting these systems. Bringing together the mechanics and electronics sectors that our developing world needs, FNF Teknoloji SAN. TRADE. Inc. Since 2014, it has been producing and serving innovations such as calorimeter, water meter manufacturing and remote reading systems.



# COMPANY PROFILE

- A. We have a 3000 m<sup>2</sup> working area in a 7000 m<sup>2</sup> closed area in Kayseri Organized Industrial Zone.
- B. We are the leading Water Meter and Heat meter manufacturer company in Turkey with a staff of 50 people.
- C. We have a monthly production capacity of 20.000 Meters.
- D. We export to [Poland](#), [Georgia](#), [Hungary](#), [Dubai](#) and [Qatar](#) Countries.



# COMPANY CULTURE

- Enterprise Mission: Continuous development, contribution to society, to be the leader of intelligent instruments.
- Enterprise Values: The greatest benevolence is like water, the highest virtue tolerates all.
- Enterprise Competitiveness: First-class R&D team, leading core technology, excellent product quality.
- Business Philosophy: To be science & technology oriented, to survive by quality, and develop by credibility.
- Quality Philosophy: Strengthen management, strive for perfection, continuously improve quality.
- Employment Philosophy: There is no perfect individual, only a perfect team.
- Working Philosophy: Serious work attitude, noble professional ethics.
- Marketing Philosophy: fulfill contract, ensure quality, honesty and trustworthiness.



# EQUIPMENT AND MACHINES



- CNC TRANSFER MACHINES
- PLASTIC INJECTION MACHINES
- CNC LATHE MACHINE
- DRUM SANDBLASTING MACHINE
- AUTOMATIC BURR CUTTING MACHINE
- ROD CUTTING MACHINE
- 150 TON C TYPE PRESSING MACHINE
- 300 TON H TYPE PRESSING MACHINE
- 250 TON H TYPE PRESSING MACHINE
- 4 CHANNEL INDUSTRIAL HEATING (ANNEALING) FURNACE
- ELECTRONIC ANGLE CUT ROTARY BAND SAW

# PRODUCTS



## HEAT METER

It works on the principle of ultrasonic flowmeter and mechanical flowmeter. Sound signals upstream and downstream of the water by sending the times here precisely in pico. The flow rate of the water is measured in seconds, is calculated. Application of this modern heatmeter technology. Thanks to this, the measurements are precise and reliable. It can work stably for more than years. Hybrid heatmeter heating and cooling in the same line. It is used in systems where it can be done via. The heatmeter can calculate the heating and cooling energy consumption separately. Polimeter heatmeters have a hybrid structure.



## WATER METER

It has a measurement and calculation system that calculates the speed of the fluid passing over a turbine and the volume of the fluid depending on the speed of the turbine.



## NB-IOT WATER METER

The water meter adopts NB-IOT communication technology, communicates with the cloud server through the operator's network, and realizes the wireless reading and remote transmission control of the user's water consumption. Wireless remote water meter does not require wiring construction, easy to install and use.





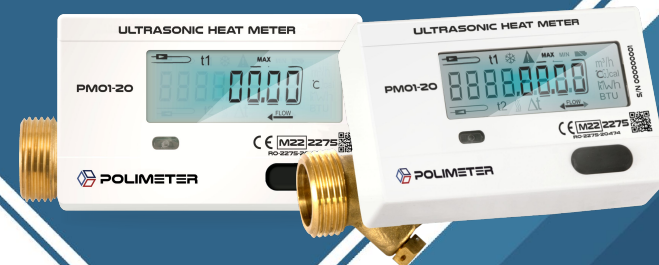
# HEAT METER

## HIGH PRECISION, LONG LASTING AND DURABLE HEAT METER

- The flow meter part is durable and all metal.
- With its brass body structure, it has been specially designed to withstand the high pressure in its installation and to make the least pressure loss.
- There are no active moving parts inside. because of that that can keep own calibration value for long time
- Its wear-free structure provides long-lasting and trouble-free operation assurance.
- Thanks to its specially designed mirrors, it instantly filters the erroneous signals that occur in the water passage channel.
- Our SPECIAL design eliminates the possibility of inaccurate measurements. Only signals transmitted along the cylindrical tube can be measured.
- It prevents it from being covered with dirt due to the foreign substances in the hot water. It has the feature of preventing soot and rust and preventing clogging.
- Airplane wing shaped reflector design provides laminar flow. The calorimeter cleans itself with the flow rate provided on the reflector.
- The calorimeter is self-cleaning with the flow rate provided on the reflector. It provides high sensitivity even at low flow rates.
- It has IP65 protection class. It is not affected by moisture, dust and water.
- According to EN 1434, it consists of 3 main units that measure with compact meter type and hybrid indicator, flow meter of heat meters, pair of temperature sensors and calculation ruler.

### Technical Data

Nominal Diameter	DN	15	15	20	25	32	40
Counter Length	mm	110	110	130	160	180	200
Join Diameter		G3/4"B	G3/4"B	G1B	G1"1/4B	G1"1/2B	G2B
Nominal Flow Rate	q <sub>s</sub>	1,2 m³/h	3 m³/h	5 m³/h	7 m³/h	12 m³/h	20 m³/h
Maximum Flow Rate	q <sub>p</sub>	0,6 m³/h	1,5 m³/h	2,5 m³/h	3,5 m³/h	6 m³/h	10 m³/h
Minimum Flow Rate	q <sub>i</sub>	6 l/h	15 l/h	25 l/h	35 l/h	600 l/h	100 l/h
Working Temperature	°C	5 - 90 °C	5 - 90 °C	5 - 90 °C	5 - 90 °C	5 - 90 °C	5 - 90 °C
Nominal Pressure	PN	16 bar	16 bar	16 bar	16 bar	16 bar	16 bar
Mounting Type		Vertical Horizontal	Vertical Horizontal	Vertical Horizontal	Vertical Horizontal	Vertical Horizontal	Vertical Horizontal
Dimensions	mm	l : 110 h : 120 w : 86	l : 110 h : 120 w : 86	l : 130 h : 120 w : 86	l : 160 h : 121 w : 89	l : 180 h : 125 w : 98	l : 200 h : 130 w : 109



### Calculation Unit Technical Data

Measuring Temperature Range	2°C - 150°C
Measurement Temperature Difference	3K - 85K
Working Ambient Temperature	5°C - 55°C
Min. Consumption Calculation Difference	2°C
Heat dissolution	0,01°C
Measuring frequency	Dynamic metering 4 - 20 seconds
Screen	LCD-8 digits and special characters and backlight
Energy Unit	kWh (optionally MWh)
Interfaces	M-Bus
Power source	3.6V Lithium Battery
Sensor Type and Length	PT 1000
Sensor Diameters	5,0 mm ve 5,2 mm
Sensor Cable Length	1,5 meter
Pulse Cable Length	1 meter
Protection Class	IP 65
Measurement Class	MID Class 2-3
Approvals	MID ve CE

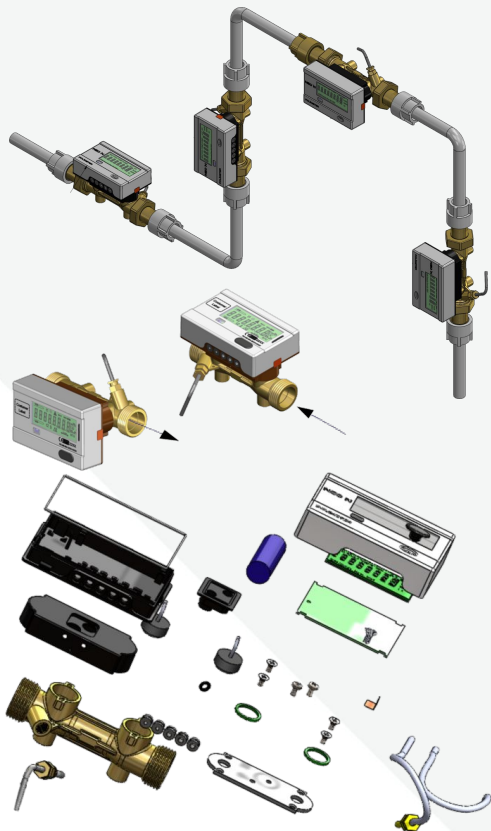






# HEAT METER

## PM01 ULTRASONIC HEAT METER ABOUT



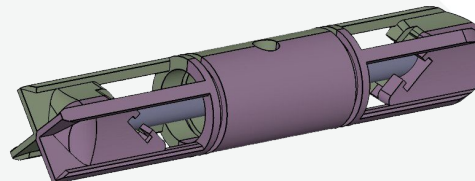
★ It provides ease of use as it is compatible with horizontal, vertical, inlet and return mounting.

★ PM01 Blown Assembly



	Installation Type		Heating		°C		Flow Direction
	Inlet Temperature		Cooling		$\Delta t$		MAX MIN
	Outlet Temperature		Warning		GJ kWh mWh		m³/h
	Button		Button		Units		8 Digits Display

★ User friendly with wider LCD screen and backlight



★ With its patented interior design it provides high precision measurement that prevents turbulence





# WATER METER

## HIGH PRECISION, LONG LASTING AND DURABLE WATER METER

- Sensitive measurement with SINGLE-JET flow meter.
- Measuring range is 30°C - 90°C
- Communication option with pulse output and/or M-Bus protocol.
- Safe design that does not allow interference from outside.
- Complies with the EN 14154 standards.
- It is not affected by magnetic field. With this feature, can make safe measurements.
- Hot water meter is used at water temperatures between 30°C - 90°C.
- Calmet hot water meters support M-Bus and RF communication protocols.
- Guaranteed for 2 years.
- Ability to measure at low flow rates
- Flow measurement range  
Q1=31,25 L/h  
Q2=50 L/h  
Q3=2,5 m3/h  
Q4=3,125 m3/h
- Measurement range T30/90oC
- Maximum applicable pressure (MAP) 16 Bar
- At nominal flow (Qn) pressure loss (Dp=250 mbar)
- it is safe, cannot be intervened from outside.



### MODEL SH-22

Length (L) (mm)	130
Height (H) (mm)	80
Width (W) (mm)	73
DN(mm)	15-20
Gravity (g)	600
Connection	G1" B

### Technical Data

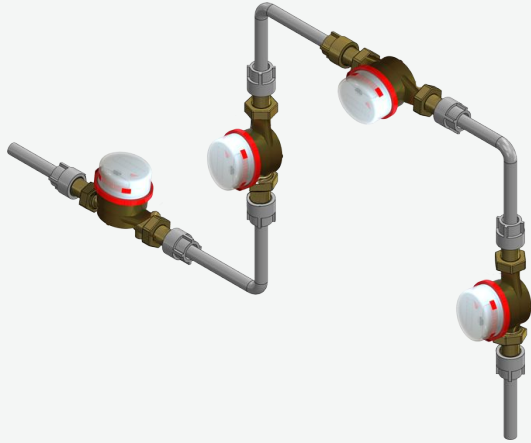
Nominal Diameter	DN	15	20
Counter Length	mm	110	130
	Q <sub>1</sub>	0.010 m <sup>3</sup> /h	0.016 m <sup>3</sup> /h
	Q <sub>2</sub>	0.016 m <sup>3</sup> /h	0.025 m <sup>3</sup> /h
	Q <sub>3</sub>	2.5 m <sup>3</sup> /h	4.0 m <sup>3</sup> /h
	Q <sub>4</sub>	3.125 m <sup>3</sup> /h	5 m <sup>3</sup> /h
Mounting Type		Vertical	Vertical
		Horizontal	Horizontal
	mm	l : 110	l : 130
		h : 90	h : 95
		w : 85	w : 85



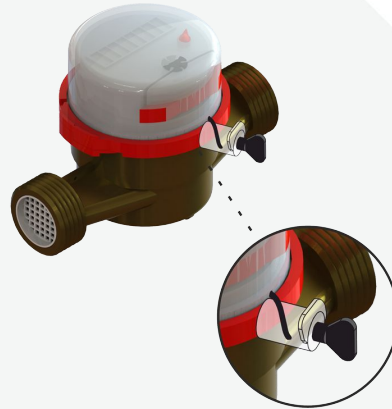


## WATER METER

### SINGLE JET WATER METERS ABOUT



- ★ It provides ease of use as it is compatible with horizontal, vertical, inlet and return mounting.



- ★ Single JET Water Meter seal plan.



## NB-IOT WATER METER

### HIGH PRECISION, LONG LASTING AND DURABLE NB-IOT WATER METER

- The water meter has a built-in Internet of Things communication module, uploading data through the base station, no need to lay lines on site, no need for collectors, concentrators and other equipment.
- Each water meter has a built-in industrial SIM card (M2M), which is a non-ordinary mobile phone SIM card. The whole machine has high sealing performance, the motor compartment is independently sealed, and the circuit board is potted with waterproof glue. Meet standard IP68 protection standard.
- Built-in large-capacity lithium battery, when the battery voltage is low, the centralized copy management platform will pop up an alarm.
- Turn of the valve when the power is off. when the battery is manually disconnected, the water meter valve will automatically close.
- Imported ultra-low power consumption microprocessor and micro-power consumption technology are used in the circuit, which greatly reduces the power consumption of the water meter itself and prolongs the working life of the battery.
- It can collect key parameters such as ambient temperature, battery voltage, and signal strength, and upload them to the cloud server for data analysis.
- It can realize low-temperature antifreeze warning, low battery warning, battery unplugging warning and other event alarms.
- Protection against external electricity and electromagnetic attacks. When there is strong electricity or strong magnetic interference from the outside, the water meter will automatically close the valve.
- With differential pricing function, can support 9 levels and 10 types of water prices; seasonal water price, can set the date and time to switch the water price automatically, support online payment system.
- Support NB-IOT module, low power consumption, wide coverage and more convenient transmission
- Electromechanical separation design, there is no wire between the base meter and the control unit.
- Integrated design, there is no wire and electrodes exposed when the enclosure is disassembled.
- Semi-liquid sealed wet dial mechanism, high sensitivity and clear reading.
- With a lid to prevent foreign matter from falling into the dial plate and affecting manual readings.
- Mobile phone APP supporting, the mobile phone can directly read the running data of the water meter through the APP, and diagnose the working status of the water meter.
- App switch valve. In case of emergency, when the server is abnormal or the network fails, the mobile phone can directly control the water meter valve on/off through the NFC APP.



Nominal size (DN)(mm)	130	20	25
Overload flow rate (Q4)m <sup>3</sup> /h	3.125	5	7.875
Normal flow rate (Q3)m <sup>3</sup> /h	2.5	4	6.3
Transitional flow rate (Q2)m <sup>3</sup> /h	0.05/0.04	0.08/0.064	0.126/0.1
Min. flow rate (Q1)m <sup>3</sup> /h	0.032/0.025	0.05/0.04	0.078/0.063
Measurement grade		80/100	
Working frequency (band number)		class 2	
Working pressure		B3 B5 B8 B20—, e.t.c	
Pressure loss		≤1.6 M Pa(PN16)	
Operating Temp.	Cold Water (T30):0.1°C-30°C	Δp63	Hot Water (T90):0.1°C-90°C
Climate & mechanical environmental safety levels		Class B	
Electromagnetic compatibility level		E1	
Quiescent current		≤25uA	
Working Voltage		3.6V lithium battery (ER265500)	
Waterproof level		IP68	
valve control		optional	
Transmission way		Reed switch/hall	
Meter body material		brass/composed	
Meter length (mm)	165	195	225





## NB-IOT WATER METER

### IOT METER OPERATION MANUAL

- ★ Run the client software:
- ★ Login:password
- ★ Push the button on the meter to reactive the meter to upload the reading



- ★ It provides ease of use as it is compatible with horizontal, vertical, inlet and return mounting.



With it's patented interior design it provides high

- ★ Unassembled the upper unit locked screws:



- ★ Insert the sim card :

# ENTERPRISE QUALIFICATION



**MIȘCAREA ROMÂNĂ PENTRU CALITATE**  
Organism notificat nr. 2275/Notified Body no. 2275  
Craiova, str. Pârului, nr. 9, Jud. Dolj, România

**CERTIFICAT  
CERTIFICATE**

**MRC aprobă sistemul calității aplicat de  
MRC approves the quality system applied by**

**FNF TEKNOLOJI SANAYI VE  
TICARET ANONIM ŞİRKETİ**  
Kayseri OSB Mahallesi 8 Cad. No: 20 Melikgazi Kayseri, Turkey  
In conformitate cu cerințele Directivei 2014/32/UE, anexa II, modulul D:  
In compliance with the requirements of 2014/32/EU Directive, annex II, module D:

**Conformitatea cu tipul bazată pe asigurarea calității procesului de producție  
Conformity to type based on quality assurance of the production process**

FNF TEKNOLOJI SANAYI VE TICARET ANONIM ŞİRKETİ este autorizată să aplice marcajul de conformitate CE, marcajul metrologic suplimentar, numărul de identificare al organismului notificat MRC "2275" pentru mijloacele de măsurare din lista anexată, fabricate în conformitate cu sistemul calității aprobat.  
FNF TEKNOLOJI SANAYI VE TICARET ANONIM ŞİRKETİ is authorized to affix the EC marking, supplementary metrology marking, MRC notified body's identification number "2275" for the attached measuring instruments, manufactured according to the approved quality system.

FNF TEKNOLOJI SANAYI VE TICARET ANONIM ŞİRKETİ este responsabilă de întocmirea declarației de conformitate ce respectă Directiva 2014/32/UE.  
FNF TEKNOLOJI SANAYI VE TICARET ANONIM ŞİRKETİ is responsible for drafting the declaration of conformity in accordance with 2014/32/EU Directive.

FNF TEKNOLOJI SANAYI VE TICARET ANONIM ŞİRKETİ trebuie să informeze MRC cu privire la orice actualizare a sistemului calității.  
FNF TEKNOLOJI SANAYI VE TICARET ANONIM ŞİRKETİ must keep MRC informed of any update of the quality system.

Sistemul de calitate este supus supravegherii și auditului anual de către MRC.  
The quality system is subject to surveillance and annual audit by MRC.

Numărul certificatului: RO-2275-19-400      Data recertificării: 15.08.2019  
Certificate number:      Recertification date:

Data certificării inițiale: 16.08.2016      Data expirării certificatelor: 14.08.2022  
Initial certification date:      Certification expiration date:

**Dr.ing. Poenaru Maria Magdalena**  
Director-Executiv

Certificatul fără semnătură și ștampă este în vigoare. Acest certificat nu poate fi reprodus decât în întregime. Nu pot fi eluate extrase din certificatul Buletinul oficial Mișcarea Română pentru Calitate. Certificate without signature and seal is not valid. This certification may not be reproduced other than in full. Extracts may be taken only with the permission of Romanian Movement for Quality.





**MIȘCAREA ROMÂNĂ PENTRU CALITATE  
ROMANIAN MOVEMENT FOR QUALITY**

**ANEXĂ I/ANEX**

LA CERTIFICATUL Nr. 1 TO CERTIFICATE No. RO-2275-19-400  
DATA ACTUALIZĂRII/UPDATE DATE: 27.08.2020



Categorie mijloace de măsurare Measuring instruments category	Tip mijloace de măsurare Measuring instruments type	Numărul certificat de examinare CE de tip EC type examination certificate number	Observații Remarks
Contor de energie termică (M-004)	Contor de energie termică, complet tip M-xx DN 15..DN 25  Thermal energy meter, complete type M-xx DN 15..DN 25	RO-2275-16381 rev. 1	
	Contor de energie termică, complet tip U-xx DN 15..DN 40  Thermal energy meters, complete type U-xx DN 15..DN 40	RO-2275-16382 rev. 0	
	Contor de energie termică, tip PM01-XX  Thermal energy meter, type PM01-XX	RO-2275-20474, rev. 0	



# ENTERPRISE QUALIFICATION



## MIȘCAREA ROMÂNĂ PENTRU CALITATE

Organism notificat nr. 2275/Notified Body no. 2275  
Craiova, str. Păraliei, nr. 8, Jud. Dolj, România



## CERTIFICAT CERTIFICATE

MRC aprobă sistemul calității aplicat de  
MRC approves the quality system applied by

## FNF TEKNOLOJI SANAYI VE TICARET ANONIM ŞİRKETİ

Kayseri OSB Mahallesi 8 Cad. No: 20 Melikgazi/ Kayseri, Turkey

În conformitate cu cerințele Directivei 2014/32/EU, anexa II, modulul D:  
In compliance with the requirements of 2014/32/EU Directive, annex II, module D:

Conformitatea cu tipul bazată pe asigurarea calității procesului de producție  
Conformity to type based on quality assurance of the production process

FNF TEKNOLOJI SANAYI VE TICARET ANONIM ŞİRKETİ este autorizată să aplice marcajul de conformitate CE, marcajul metrologie suplimentar, numărul de identificare al organismului notificat MRC "2275" pentru mijloacele de măsurare din lista anexată, fabricate în conformitate cu sistemul calității aprobat.

FNF TEKNOLOJI SANAYI VE TICARET ANONIM ŞİRKETİ is authorized to affix the EC marking, supplementary metrology marking, MRC notified body's identification number "2275" for the attached measuring instruments, manufactured according to the approved quality system.

FNF TEKNOLOJI SANAYI VE TICARET ANONIM ŞİRKETİ este responsabilă de întocmirea declarației de conformitate ce respectă Directiva 2014/32/EU.

FNF TEKNOLOJI SANAYI VE TICARET ANONIM ŞİRKETİ is responsible for drafting the declaration of conformity in accordance with 2014/32/EU Directive.

FNF TEKNOLOJI SANAYI VE TICARET ANONIM ŞİRKETİ trebuie să informeze MRC cu privire la orice actualizare a sistemului calității.  
FNF TEKNOLOJI SANAYI VE TICARET ANONIM ŞİRKETİ must keep MRC informed of any update of the quality system.

Sistemul de calitate este supus supravegherii și auditului anual de către MRC.  
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Numărul certificatului: RO-2275-19-400

Certificate number:

Data certificare inițială: 16.08.2016

Initial certification date:

Data recertificare: 15.08.2019

Recertification date:

Data actualizare certificat: 27.08.2020

Certificate update date:

Data expirare certificare: 14.08.2022

Certification expiration date:

Dr.ing. **Poeraru Maria Magdalena**  
Director General

Certificatul înscris în și stampilat cu înscris valabil. Acest certificat nu poate fi reprodus decât în întregime. Nu pot fi făcute schimbări din conținutul său sau să se copieze. Reproducerea este interzisă fără permisiunea scrisă de la MRC. Extracte pot fi făcute numai cu permisiunea de la MRC Movement for Quality.



## MIȘCAREA ROMÂNĂ PENTRU CALITATE ROMANIAN MOVEMENT FOR QUALITY

ANEXĂ I/ANNEX

LA CERTIFICATUL Nr. I / TO CERTIFICATE No. RO-2275-19-400

DATA RECERTIFICĂRII/ RECERTIFICATION DATE: 15.08.2019

Categorie mijloace de măsurare Measuring instruments category	Tip mijloace de măsurare Measuring instruments type	Număr certificat de examinare CE de tip EC type examination certificate number	Observații Remarks
Contoare de energie termică (M-004) Thermal energy meters (M-004)	Contor de energie termică, complet tip M-xx DN 15.. DN 25 Thermal energy meter, complete type M-xx DN 15.. DN 25	RO-2275-16381 rev. 1	
	Contor de energie termică, complet tip U-xx DN 15.. DN 40 Thermal energy meter, complete type U-xx DN 15.. DN 40	RO-2275-16382 rev. 0	



NB 2275

ANEXA  
Certificat de examinare UE de tip  
Nr. RO-2275-20474  
Revizia 0  
Pagina 5 din 16

1.7 Echipamente și funcții care nu fac obiectul certificatului UE de examinare de tip  
1.7 Equipment and functions which are not subject to EU-Type Examination Certificate

1.7.1 Echipamente și funcții integrate care nu se supun cerințelor Directivei 2014/32/EU  
1.7.1 Integrated equipment and functions not subject to 2014/32/EU Directive requirements

- Contoarele de energie termică pot fi echipate cu interfață "M-Bus", împreună cu un cablu cu două fire, care poate fi prelungit până la L < 1,2 m;  
- Wireless M-Bus.

- The thermal energy meters can be equipped with embedded interface "M-Bus", together with a two wire cable, which can be lengthened up to L < 1.2 m;  
- Wireless M-Bus.

## 2. Date tehnice

### 2. Technical data

#### 2.1 Condiții de funcționare

##### 2.1 Operating conditions

Tabel 2/ Table 2

Thermal energy meter	Connection Dimension Nominal diameter/ Length	Connection thread of meter, Connection thread of coupling (inch)	Thermal power (kW)	Maximum Limit of Temperature Rise (°C) Heating Cooling	Minimum Limit of Temperature Drop (°C) Heating Cooling	Temperature Difference Max. Limit (K) Heating Cooling	Temperature Difference Min. Limit (K) Heating Cooling	Minimum Flow Rate (m³/h)	Nominal Flow Rate (m³/h)	Minimum Flow rate (m³/h)
PM01-15	DN15/ 110 mm	G3/4"	261	9000	52	7500	3/3	3/0/ 1.2	1.5/ 0.6	0.019/ 0.006
PM01-20	DN20/ 135 mm	G1"	435	9000	52	7500	3/3	5.0/ 2.5	2.5/ 0.025	
PM01-25	DN25/ 160 mm	G1 1/4"	610	9000	52	7500	3/3	7.0/ 3.5	3.5/ 0.035	
PM01-32	DN32/ 185 mm	G1 1/2"	1046	9000	52	7500	3/3	12.0/ 6.0	6.0/ 0.06	
PM01-40	DN40/ 200 mm	G2"	1743	9000	52	7500	3/3	20/ 10	10/ 0.1	



# ENTERPRISE QUALIFICATION



## SERTİFİKA

Bu Sertifika,

**FNF TEKNOLOJİ SANAYİ VE TİCARET ANONİM ŞİRKETİ**

O.S.B. 8.Cadde No:20 Melikgazi/KAYSERİ

kuruluşunun,

**Sayaç Üretimi ve Sayaç Okuma Hizmetleri**

EA 19 kapsamında,

### TS EN ISO 9001:2015

Kalite Yönetim Sistemi Standartının şartlarına uyum bir yönetim sistemi kurduğunu ve uyguladığını onaylamak üzere verilmiştir.

**İlk Yayın Tarihi** : 11.07.2020  
**Belge Tarihi** : 29.05.2021  
**Belge Periyodu** : 3 Yıl  
**Bitiş Tarihi** : 10.07.2022  
**Sertifika No** : KQ.2021.571



**Best Quality Services**  
Sertifika Onay



**BQS Belgelendirme ve Eğitim Hizmetleri Ltd. Şti.**  
Nispetiye Mahallesi 7020 Sokak No:35, Nispetiye Apartmanı 8 Blok Kat: 2  
Çankaya/Beşiktaş/İSTANBUL  
Tel: 0212 234 91 22 Fax: 0212 232 81 22 E-mail: info@bqs.com.tr

**BEST QUALITY SERVICES**



T.C.  
TÜRK STANDARTLARI ENSTİTÜSÜ



## HİZMET YETERLİLİK BELGESİ

**Belge No** : 38-HYB-4152  
**İlk Veriliş Tarihi** : 26.09.2016  
**Son Geçerlilik Tarihi** : 26.09.2021

**Firmanın Adı** : FNF TEKNOLOJİ SANAYİ VE TİCARET ANONİM ŞİRKETİ TEKNOPARK ŞUBESİ  
**Firmanın Adresi** : YILDIRIM BEYAZIT MAH. AŞK. VEYSSEL BLV. E.Ü.TGB İDARE VE KULLUĞA 2. NO.65/22  
MELİKGAZI/KAYSERİ/TÜRKİYE  
**Hizmet Yeri Adresi** : Organize Sanayi Böl. 8. Cad. No:20 Melikgazi / MELİKGAZI  
KAYSERİ/TÜRKİYE  
**Sicil No** : 40340

**Verilen Hizmetin Kapsamı**

1. TS 13840 (24.12.2014) YETKİLİ SERVİSLER - İSİ PAVİ ÖLÇER, İSİ SAYACI, ÖN ÖNEMLİ İSİ SAYACI CİHAZLARI  
İÇİN KURULLAR STANDARTINI UYGUN HİZMET VEREN  
\* FNF TEKNOLOJİ SANAYİ VE TİCARET ANONİM ŞİRKETİ TEKNOPARK ŞUBESİ YETKİLİ SERVİSİ (511275)  
(24.12.2019) (POLİMETER) (FNF) (ÇALIŞT) MARKALI




**AMAHMUT ULAS**  
TSE KATILIMCI VE GÖZETMENİ (MÜDÜR)

Organize Sanayi Bölgesi, Melikgazi, FNF ve TSE GENEL MERKEZİ 3. BAŞKANLIĞI TEL: 0307-08-09 / 221 25 87 Faks: 0 302 221

Bu belge diğer kurumlara kiralık olarak verilmemiş, başka bir yere aktarılmamış, değiştirilmemiş, tescillenmemiş, hakları ve süreleri yerindedir. - Sayfa : 1 / 1 -




# ENTERPRISE QUALIFICATION



T.C.  
TÜRK PATENT ENSTİTÜSÜ

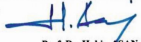
## MARKA TESCİL BELGESİ



Marka No : 2014 110244 - Ticaret - Hizmet




Marka Sahibi : FNF TEKNOLOJİ SAN.VE TİC. LTD.ŞTİ.  
TÜRKİYE CUMHURİYETİ  
O.S.B. 8 CAD. NO. 20 MELİKGAZI KAYSERİ  
Etiliası : 09. 11. 39. 41. 42. 35  
İlişkitedir.

Markaların Korunması Hakkında 556 Sayılı Kanun Hükmünde Kararnameye göre 30/12/2014 tarihinden itibaren ON YIL müddete 13/05/2016 tarihinde tescil edilmiştir.

  
Prof. Dr. Habip ASAN  
Enstitü Başkanı






T.C.  
TÜRK PATENT ENSTİTÜSÜ

## Certificat de examinare CE de tip

### EC - type examination Certificate

Numer/RD 2275-16382, revizia 0  
Number RD 2275-16382, revision 0



Eliberat de  
issued by

**MIȘCAREA ROMÂNĂ PENTRU CALITATE/ ROMANIAN MOVEMENT FOR QUALITY**  
Piașă nr. 8, Craiova, Dolj, Romania  
T +4 0251 451047; F +4 0251 545553; mroco@rdsbc.ro; www.mroco.ro

In conformitate cu  
According to

Directiva 2004/22/CE a Parlamentului European și a Consiliului Uniunii Europene din 31 martie 2004 privind mijloacele de măsurare, anexa M-004 (Contoare de energie termică), anexa B - Examinarea de Tip  
2004/22/EC Directive of European Parliament and of the European Union Council of 31 March 2004 on measuring instruments, Annex M-004 (Heat meters), Annex B - Type examination

Producător  
Manufacturer

FNF TEKNOLOJİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ  
Organize Sanayi Böl. 8 Cad. No: 20 Melikgazi / Kayseri, Turkey

Referitor la  
Concerning to

Contor de energie termică, complet / Heat meter, complete  
Marca/ Trade mark: POLMETER  
Tip/ Type: U-xx

Clasă de exactitate/ Accuracy class	2
Caracteristici descrise în/ Characteristics described in:	Anexă/ Annex

Valabil până la  
Valid until

17.04.2026

Descriere și  
documentație  
Description and  
documentation


Mijlocul de măsurare corespunde cu cerințele directivei 2004/22/CE și este descris în Anexă, parte integrantă din prezentul certificat.  
The measuring instrument meets the 2004/22/EC Directive requirements and it is described in Annex, a part of this certificate.

Eliberat la  
Issued on


18.04.2016

Organism notificat nr. 2275  
Notified Body no. 2275

Dr.ing. Poenaru Maria Magdalena  
DIRECTOR EXECUTIV



Certificatul fără semnătură și ștampilă nu este valabil. Present certificate is valid only accompanied by Annex. Certificate has 32 pages, including annex. Certificate without signature and seal is not valid. The present certificate is valid only accompanied by Annex. The certificate has 32 pages, including Annex.



T.C.  
TÜRK PATENT ENSTİTÜSÜ

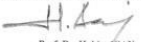
## MARKA TESCİL BELGESİ



Marka No : 2015 109607 - Ticaret - Hizmet

# Calmet

Marka Sahibi : FNF TEKNOLOJİ SAN.VE TİC. LTD.ŞTİ.  
TÜRKİYE CUMHURİYETİ  
O.S.B. 8 CAD. NO. 20 MELİKGAZI KAYSERİ  
Etiliası : 09. 11. 39. 42  
İlişkitedir.

Markaların Korunması Hakkında 556 Sayılı Kanun Hükmünde Kararnameye göre 30/12/2015 tarihinden itibaren ON YIL müddete 29/08/2016 tarihinde tescil edilmiştir.

  
Prof. Dr. Habip ASAN  
Enstitü Başkanı



## MÉRŐMŰSZER BOLT

A LEGNAGYOBB VÁLASZTÉK  
GYŐZDÖJN MEG RÓLA

I am writing you on behalf of your water/heat meter products. Our company MEROMUSZER BOLT KFT would like to thank FNF TEKNOLOJI for being one of our most professional and dependable partners in business. We've successfully worked with FNF TEKNOLOJI for over 3 years. There are not many companies that we have that solid of a relationship with and it's due to the integrity of everyone at FNF TEKNOLOJI that we are happy to recommend them for the Water meter and Heat meter solutions. No matter what the project, water or heating, and cooling system, FNF TEKNOLOJI has always been there to provide quality products, solutions, and services.

**Contact information :**

Budapest / Hungary

[meromuszer@meromuszer.com](mailto:meromuszer@meromuszer.com)

+36707769898

27.10.2021

HERYAK JANOS

Signature



Mr. M. Fatih,

I would like to share a few words about our relationship with you and your company FNF Teknoloji. We have worked with them on projects both big and small for over 4 years. FNF Teknoloji has taken the time to understand our business and how to solve our projects. We also rely heavily on the FNF Teknoloji project management process knowing that we will have one point of contact throughout each project's lifecycle. We can always count on FNF Teknoloji excellent customer service, not only during an active project cycle or in regard to a past project but also when we are brainstorming ideas or looking for advice on processes. Also, we have always been satisfied with the water meter and heat meter products they produce. Additionally, Customer Services offered to give us an opportunity to learn about new technologies, processes, or concepts and they also provide a great atmosphere for networking with other industry professionals.

Our company POLIMETER SPZ O. O, Thank you for your partnership so far and I hope to take our partnership to the next level.

**Contact information :**

Warszawa / Poland

[handel@polimeter.com.pl](mailto:handel@polimeter.com.pl)

+48 662 66 85 72

28.12.2021

MAREK STOLINSKI

Signature



# IMPORTANT REFERENCE PROJECTS

- ISTANBUL  
KOZYATAGI  
CARREFOUR MALL



# IMPORTANT REFERENCE PROJECTS

- ☐ NEF 2 PROJECT IN EYUP GOLDEN HORN REGION ON THE EUROPEAN SIDE OF ISTANBUL



# IMPORTANT REFERENCE PROJECTS

- ISTANBUL MASLAK  
MASHATTAN  
PROJECT



# IMPORTANT REFERENCE PROJECTS

- ❑ EVORA ISTANBUL  
TUZLA PROJECT



# IMPORTANT REFERENCE PROJECTS

- ❏ BODRUM SEBA  
GOLKOY HOUSING  
PROJECT



# IMPORTANT REFERENCE PROJECTS

☐ KUMSMALL  
PROJECT





# IMPORTANT REFERENCE PROJECTS

- ❑ CARREFOUR BURSA  
PROJECT

