



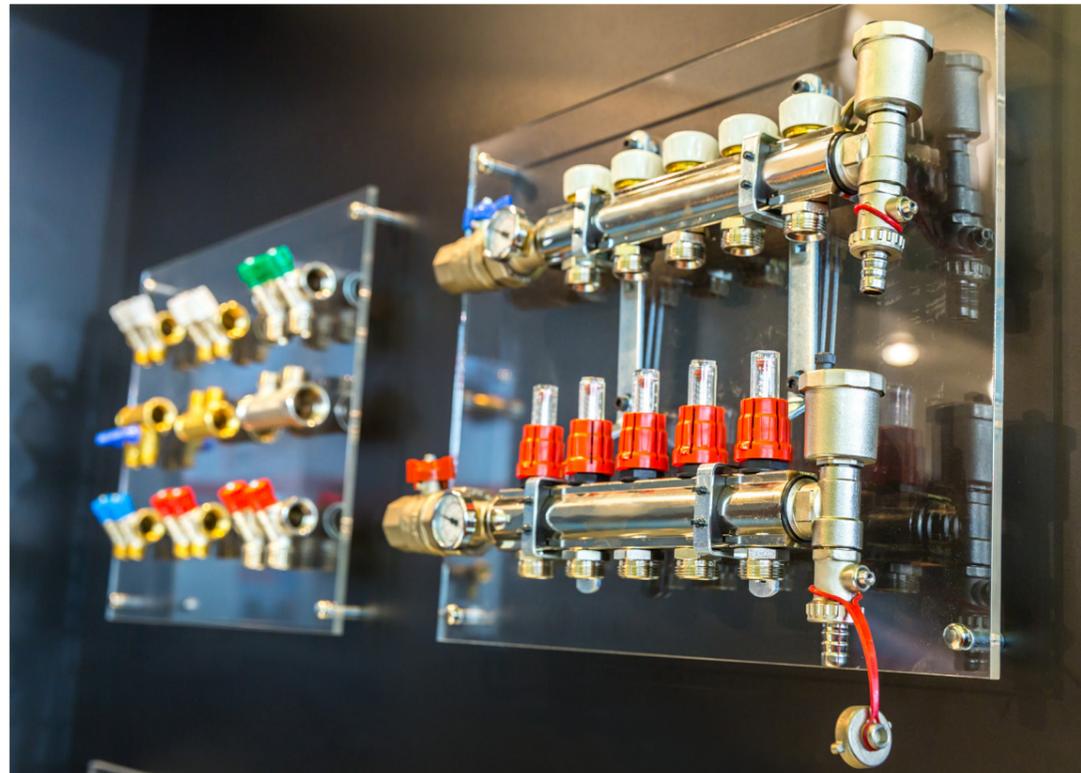
**Water
Meters**

CATALOG



SMART SOLUTIONS

SMART WATER METERING



NB-IoT

The Internet is the generic name of a network of networks that connects billions of computers worldwide. The internet network, which was formed by the connection of computers in the first stage, was further expanded with the participation of electronic devices such as mobile phones, tablets, vehicle tracking, home automation, electricity-gas-water-heat meters, which later became embedded systems. These devices that connect to the internet outside the computer are called things. The internet network of these devices is defined as the Internet of Things.

NB-IoT Communication Technology

- It uses existing base stations as infrastructure. The installed base stations are quickly adapted to NB-IoT communication with the software update. In this way, the meters can easily communicate with the center from anywhere.
- 3GPP release 13 is standardized and licensed frequencies are used.
- Because narrowband (200KHz Bandwidth) communicates, multiple devices can be connected to a base station at the same time.
- NB-IoT uses the same security model as LTE and is very safe.
- The device does not need any additional device (modem, gateway) to communicate with the center. With this feature, it is advantageous against LoRaWAN technology.

- Long-term battery life
- Secure SIM-based mechanism
- Worldwide licensed standards
- Deep penetration even indoors

Advantages of NB-IoT Remote Communication Meter

- The water meter has an internal antenna
- Two-way communication takes place between the water meter and the center.
- Efficient remote reading is guaranteed using NB-IoT communication.

- What can be done with remote reading;

- +Smart Notifications,
- +Index data of water meter,
- +Water meter data,
- +Billing,
- +Credit upload operations



GPRS

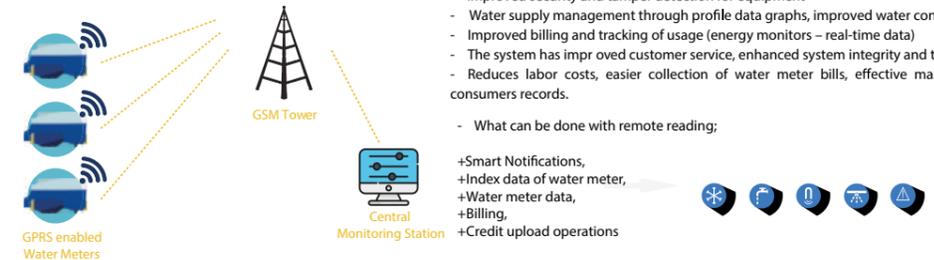
General Packet Radio Service (GPRS) is a packet oriented mobile data standard on the 2G and 3G cellular communication network's global system for mobile communications (GSM). GPRS is a best-effort service, implying variable throughput and latency that depend on the number of other users sharing the service concurrently, as opposed to circuit switching, where a certain quality of service is guaranteed during the connection. GPRS aims "Always on" internet access.

Advantages of GPRS Remote Communication Meter

- Improved security and tamper detection for equipment
- Water supply management through profile data graphs, improved water conservation
- Improved billing and tracking of usage (energy monitors - real-time data)
- The system has improved customer service, enhanced system integrity and timely billing
- Reduces labor costs, easier collection of water meter bills, effective management of consumers records.

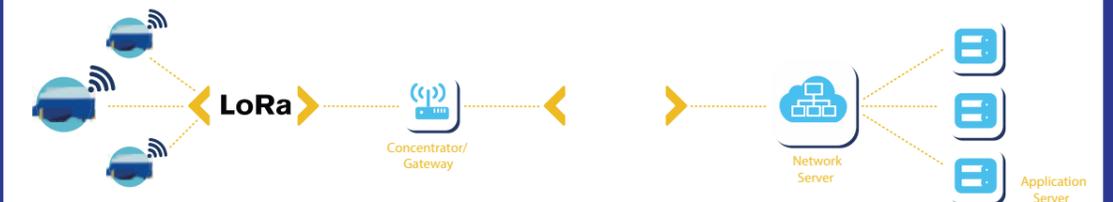
- What can be done with remote reading;

- +Smart Notifications,
- +Index data of water meter,
- +Water meter data,
- +Billing,
- +Credit upload operations



LoRa

LoRa is a modulation technique that enables communication at a much longer distance than competing technologies such as WiFi and cable communication, using radio frequencies. LoRaWAN (Long Range Wide Area Network) is a low-power wide area network specification designed for products that operate wirelessly on a regional, national or global network. Using regionally varying radio frequency ranges, LoRa is able to connect at a distance of up to 15 km in the open field and maintain communication without problems.



Advantages of LoRa Remote Communication Meter

- Long range capability
- A single gateway or base station can cover entire cities or hundreds of square kilometers.
- Battery lifetime or low power
- Network capacity (maximum number of water meters in a network)
- Network security
- One-way vs two-way communication

- What can be done with remote reading;

- +Smart Notifications,
- +Index data of water meter,
- +Water meter data,
- +Billing,
- +Credit upload operations



URANUS

MECHANICAL WATER METER FOR HOT WATER

- Nature friendly, long lifetime
- Brass and composite meter body options
- MID approved and certified
- Suitable for installation to potable water grid
- Suitable for hot water up to 90°C
- Wide and dynamic measurement range
- AMR module options
- Protective for external and climate conditions with durable body
- Accurate water flow measurement with very low-pressure losses
- 360° rotating cover

R160 IP68 MID



UR-D-XX
RO-2275-15289

SATURN

WOLTMAN TYPE A GRICULTURAL&INDUSTRIAL METER



ST-W-XX
TCM1 42/14-5156



MARS

MULTI-JETW ET TYPE WATER METER

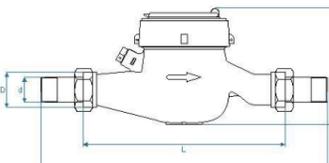


MS-LS-XX
TCM1 42/14-5165



COMPOSITE BODY

- MID approved and certified
- Suitable up to 50°C as a cold water meter
- Provides accurate water flow reading with low pressure loss
- Manufactured with first class materials and production technologies
- Suitable for optical reading
- Suitable for drinkable waters
- Delivered with protective packaging to the customer
- Protective thick glass for measurement unit
- 360° rotating lid



SIZE	DN15	DN20	DN25	DN32	DN40
L	110/165	110/190	260	260	300
L1	259	294	380	384	431
D	G½B	G1B	G1½B	G2B	G2½B
d	R½	R½	R1	R1½	R1½
H	107.5	107.5	117.5	117.5	141.5

Basic Technical Data							
Nominal Diameter	DN	mm	DN15	DN20	DN25	DN32	DN40
	SIZE	inch	½"	¾"	1"	1½"	1½"
Overload flowrate	Q4		≤ 3,125	≤ 5,00	≤ 7,875	≤ 12,5	≤ 20,0
Permanent flowrate	Q3		≤ 2,50	≤ 4,00	≤ 6,30	≤ 10,0	≤ 16,0
Transitional flowrate	Q2		≥ 0,016	≥ 0,0256	≥ 0,0403	≥ 0,064	≥ 0,1024
Minimum flowrate	Q1		≥ 0,010	≥ 0,016	≥ 0,0252	≥ 0,040	≥ 0,064
The measuring flowrate	Q3/Q1				≤ 250		
The transitional flowrate	Q2/Q1				1,6		
The overload flowrate	Q4/Q3				1,25		
Accuracy Class					2		
Maximum permissible error for the lower flowrate zone	(MPE _l)				± 5 %		
Maximum permissible error for the upper flowrate zone	(MPE _u)				± 2% for water having temperature ≤ 30°C ± 3% for water having temperature >30°C		
Temperature Class	T				T 50		
Water pressure class	Bar				MAP 16		
Pressure loss class	Bar				ΔP 63		
Indicating range	m³				99,999		
Resolution of the indicating device	m³				0,00002		
Length of horizontal water meter	mm		110 to 190	160 to 190	160 to 260	200 to 300	270 to 300
Flow profile sensitivity class					UD D0		
Orientation limitation					H		
Electromagnetic Class					E1		
Mechanical Environment Conditions					M1		

URANUS

MECHANICAL WATER METER FOR HOT WATER

- Nature friendly, long lifetime
- Brass and composite meter body options
- MID approved and certified
- Suitable for installation to potable water grid
- Suitable for hot water up to 90°C
- Wide and dynamic measurement range
- AMR module options
- Protective for external and climate conditions with durable body
- Accurate water flow measurement with very low-pressure losses
- 360° rotating cover

R160 IP68 MID



UR-D-XX
RO-2275-15289

WORLD

DIGITAL

DIGITAL DRY TYPE WATER METER

- Remote reading options
- Accurate water flow measurement with very low pressure losses
- Protective for external and climate conditions with durable body
- Suitable up to 50°C as a cold water meter
- Nature friendly, long lifetime
- Digital large display
- Suitable for optical reading
- Wide and dynamic measurement range



WD-DDJ-XX-Y
RO-2275-18280

SATURN

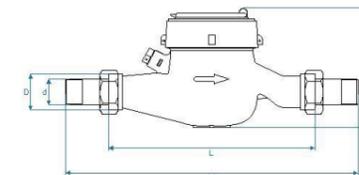
WOLTMAN TYPE AGRICULTURAL&INDUSTRIAL METER



ST-W-XX
TCM 142/14-5156

COMPOSITE BODY

- MID approved and certificated
- Suitable up to 50°C as a cold water meter
- Provides a accurate water flow reading with low pressure loss
- Manufactured with first class materials and production technologies
- Suitable for optical reading
- Suitable for drinkable waters
- Delivered with protective packaging to the customer
- Protective thick glass for measurement unit
- 360° rotating lid



SIZE	DN15	DN20	DN25	DN32	DN40
L	110/165	110/190	260	260	300
L1	259	294	380	384	431
D	G½B	G1B	G1½B	G2B	G2½B
d	R½	R½	R1	R1½	R1½
H	107,5	107,5	117,5	117,5	141,5

Basic Technical Data

Nominal Diameter	DN	mm	DN15	DN20	DN25	DN32	DN40
	SIZE	inch	½"	¾"	1"	1½"	1½"
Overload flowrate	Q ₄		≤ 3,125	≤ 5,00	≤ 7,875	≤ 12,5	≤ 20,0
Permanent flowrate	Q ₃		≤ 2,50	≤ 4,00	≤ 6,30	≤ 10,0	≤ 16,0
Transitional flowrate	Q ₂		≥ 0,016	≥ 0,0256	≥ 0,0403	≥ 0,064	≥ 0,1024
Minimum flowrate	Q ₁		≥ 0,010	≥ 0,016	≥ 0,0252	≥ 0,040	≥ 0,064
The measuring flowrate	Q ₃ /Q ₁				≤ 250		
The transitional flowrate	Q ₂ /Q ₁				1,6		
The overload flowrate	Q ₄ /Q ₃				1,25		
Accuracy Class							2
Maximum permissible error for the lower flowrate zone	(MPE _l)						±5 %
Maximum permissible error for the upper flowrate zone	(MPE _u)						± 2% for water having temperature ≤ 30°C ± 3% for water having temperature >30°C
Temperature Class	T						T 50
Water pressure class	Bar						MAP 16
Pressure loss class	Bar						ΔP 63
Indicating range	m ³						99,999
Resolution of the indicating device	m ³						0,00002
Length of horizontal water meter	mm		110 to 190	160 to 190	160 to 260	200 to 300	270 to 300
Flow profile sensivity class							U0 D0
Orientation limitation							H
Electromagnetic Class							E1
Mechanical Environment Conditions							M1
Environmental Class							B

MARS

MULTI-JET WET TYPE WATER METER



MS-LS-XX
TCM 142/14-5165

New **STAR**

- Nature friendly, long lifetime
- Large display
- AMR options
- Protective for external and climate conditions with durable body
- Suitable up to 50 °C as a cold water meter
- Wide and dynamic measurement range
- Accurate water flow measurement with very low-pressure losses
- Prepaid system with smart card
- Ball valve

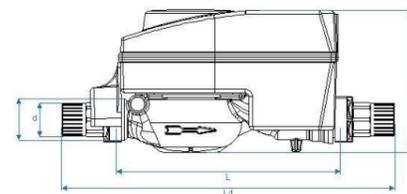


ST-D-XX-Y
R0-2275-18278

R200

IP68

MID



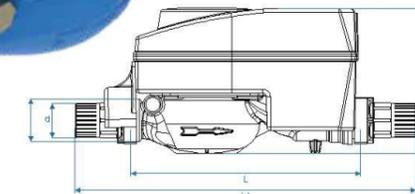
SIZE	DN15	DN20
L	190	190
L1	265	265
D	G½B	G1B
d	R½	R½
H	119	119

Basic Technical Data				
Nominal Diameter	DN	mm	DN15	DN20
	SIZE	inch	½"	¾"
Overload flowrate	Q4		≤ 3,125	≤ 5,00
Permanent flowrate	Q3		≤ 2,50	≤ 4,00
Transitional flowrate	Q2		≥ 0,020	≥ 0,032
Minimum flowrate	Q1		≥ 0,0125	≥ 0,020
The measuring flowrate	Q3/Q1		≤200	
The transitional flowrate	Q2/Q1		1,6	
The overload flowrate	Q4/Q3		1,25	
Accuracy Class			2	
Maximum permissible error for the lower flowrate zone	(MPE _l)		±5 %	
Maximum permissible error for the upper flowrate zone	(MPE _u)		± 2% for water having temperature ≤ 30°C ± 3% for water having temperature >30°C	
Temperature Class	T		T 50	
Water pressure class	Bar		MAP 16	
Pressure loss class	Bar		ΔP 63	
Indicating range	m		99,999	
Resolution of the indicating device	m		0,00002	
Flow profile sensivity class			U0 D0	
Orientation limitation			H	
Mechanical Environment Conditions			M1	
Environmental Class			B	

STR-DDJ-XX-Y



ST-DPM-XX-Y



New **STAR**

DIGITAL DRY TYPE WATER METER

- Nature friendly, long lifetime
- Digital large display
- AMR options, suitable for optical reading
- Protective for external and climate conditions with durable body
- Suitable up to 50 °C as a cold water meter
- Wide and dynamic measurement range
- Accurate water flow measurement with very low-pressure losses
- Prepaid working system
- Ball valve

Smart Notifications



SIZE	DN15	DN20
L	190	190
L1	265	265
D	G½B	G1B
d	R½	R½
H	119	119

R250

IP68

MID

Nominal Diameter	DN	mm	DN15	DN20
	SIZE	inch	½"	¾"
Overload flowrate	Q4		≤ 3,125	≤ 5,00
Permanent flowrate	Q3		≤ 2,50	≤ 4,00
Transitional flowrate	Q2		≥ 0,016	≥ 0,0256
Minimum flowrate	Q1		≥ 0,010	≥ 0,016
The measuring flowrate	Q3/Q1		≤250	
The transitional flowrate	Q2/Q1		1,6	
The overload flowrate	Q4/Q3		1,25	
Accuracy Class			2	
Maximum permissible error for the lower flowrate zone	(MPE _l)		±5 %	
Maximum permissible error for the upper flowrate zone	(MPE _u)		± 2% for water having temperature ≤ 30°C ± 3% for water having temperature >30°C	
Temperature Class	T		T 50	
Water pressure class	Bar		MAP 16	
Pressure loss class	Bar		ΔP 63	
Indicating range	m³		99,999	
Resolution of the indicating device	m³		0,00002	
Flow profile sensivity class			U0 D0	
Orientation limitation			H	
Electromagnetic Class			E1	
Mechanical Environment Conditions			M1	
Environmental Class			B	



GPRS



NB-IOT



LORAWAN

EUROPA

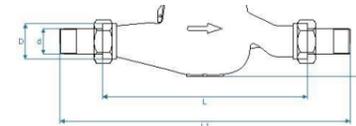
VOLUMETRIC TYPE WATER METER



VRP-L-XX
RO-2275-17489

- Nature friendly, long lifetime
- Volumetric measurement with rotary piston
- MID approved and certified
- Suitable up to 50°C as a cold water meter
- Wide and dynamic measurement range up to R250
- AMR module options
- Protective for external and climate conditions with durable body
- Accurate water flow measurement with very low-pressure losses
- 360° rotating cover

UP TO R250 IP68 MID



H	107,5	107,52
D	G½B	G1B

	SIZE	inch	½"	¾"
Overload flowrate	Q ₄		≤ 3,13	≤ 5,00
Permanent flowrate	Q ₃		≤ 2,50	≤ 4,00
Transitional flowrate	Q ₂		≥ 0,016	≥ 0,0256
Minimum flowrate	Q ₁		≥ 0,010	≥ 0,016
The measuring flowrate	Q ₃ /Q ₁			≤ 250
The transitional flowrate	Q ₂ /Q ₁			1,6
The overload flowrate	Q ₄ /Q ₃			1,25
Accuracy Class				2
Maximum permissible error for the lower flowrate zone	(MPE _L)			± 5 %
Maximum permissible error for the upper flowrate zone	(MPE _U)			± 2% for water having temperature < 30°C ± 3% for water having temperature > 30°C
Temperature Class	T			T50
Water pressure class	Bar			MAP 16
Pressure loss class	Bar			ΔP 63
Indicating range	m ³			99,999
Resolution of the indicating device	m ³			0,00005
Orientation limitation				H/V
Temperature environment				(+5°C) - (+55°C)
Mechanical Environment Conditions				M1

EUROPA

VOLUMETRIC TYPE WATER METER

- Nature friendly, long lifetime
- Volumetric measurement with rotary piston
- MID approved and certified
- Suitable up to 50°C as a cold water meter
- Wide and dynamic measurement range up to R250
- AMR module options
- Protective for external and climate conditions with durable body
- Accurate water flow measurement with very low-pressure losses
- 360° rotating cover



IP68

MID

BOYUT	DN15	DN20
L	165*	190*
L1	259	294
D	G½B, G1B	G1B
d	R½	R½
H	107,5	107,5

* L için diğer boyut seçenekleri: 175-178-182-186-190-194-198

Temel Teknik Veriler				
Anma Çapı	DN	mm	DN15	DN20
	BOYUT	inch	½"	¾"
Overload Flowrate	Q ₄		≤ 3,125	≤ 5,0
Permanent Flowrate	Q ₃		≤ 2,50	≤ 4,0
Transitional Flowrate	Q ₂		≥ 0,0127	≥ 0,0256
Minimum Flowrate	Q ₁		≥ 0,0794	≥ 0,016
The Measuring Flowrate	Q ₃ /Q ₁			≤ 250
The Transitional Flowrate	Q ₂ /Q ₁			1,6
The Overload Flowrate	Q ₄ /Q ₃			1,25
Accuracy Class				2
Maximum Permissible error for the lower flowrate zone	(MPE _l)			±5 %
Maximum Permissible error for the upper flowrate zone	(MPE _u)			± 2% (Q ₂ ≤Q≤Q ₄) for 0,1°C≤t≤30°C ± 3% (Q ₂ ≤Q≤Q ₄) for 30°C≤t≤50°C ± 5% (Q ₁ ≤Q≤Q ₂) for 0,1°C≤t≤50°C
Temperature Class	T			T50
Water Pressure Class	Bar			MAP 16
Pressure Loss Class	Bar			ΔP 63
Indicating Range	m ³			99999,999
Resolution of the Indicating Device	m ³			0,05
Flow Profile Sensitivity Classes				U0 D0
Orientation Limitation				H - V
Temperature Environment				(+5°C) - (+55°C)
Electromagnetic Class				E1
Mechanical Environments Conditions				M1
Environment Class				B

EUROPA

DIGITAL

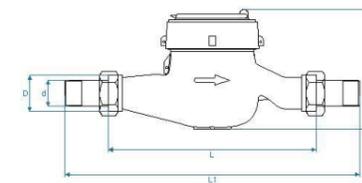
DIGITAL VOLUMETRIC TYPE WATER METER

- Nature friendly, long lifetime
- Volumetric measurement
- No mechanical parts and display
- AMR options, suitable for optical reading
- First Class materials and production technology
- Protective for external and climate conditions with durable body
- Suitable up to 50 °C as a cold water meter
- Wide and dynamic measurement range



VRP-DJ-XX-Y
RO-2275-19396

Smart Notifications



SIZE	DN15	DN20
L	165*	190*
L1	259	294
D	G½B, G1B	G1B
d	R½	R½
H	107,5	107,5

* Diğer boyut seçenekleri: 175-178-182-186-190-194-198

Basic Technical Data			
Nominal Diameter	DN	mm	DN15
	SIZE	inch	½"
Overload flowrate	Q ₄		≤ 3,125
Permanent flowrate	Q ₃		≤ 2,50
Transitional flowrate	Q ₂		≥ 0,025
Minimum flowrate	Q ₁		≥ 0,0156
The measuring flowrate	Q ₃ /Q ₁		≤ 400
The transitional flowrate	Q ₂ /Q ₁		1,6
The overload flowrate	Q ₄ /Q ₃		1,25
Accuracy Class			2
Maximum permissible error for the lower flowrate zone	(MPE _l)		±5 %
Maximum permissible error for the upper flowrate zone	(MPE _u)		± 2% (Q ₂ ≤Q≤Q ₄) for 0,1°C≤t≤30°C ± 3% (Q ₂ ≤Q≤Q ₄) for 30°C≤t≤50°C ± 5% (Q ₁ ≤Q≤Q ₂) for 0,1°C≤t≤50°C
Temperature Class	T		T30/T50
Water pressure class	Bar		MAP 16
Pressure loss class	Bar		ΔP 63
Indicating range	m ³		99999,999
Resolution of the indicating device	m ³		0,00002
Orientation limitation			H/V
Electromagnetic Class			E1
Mechanical Environment Conditions			M1
Environmental Class			B

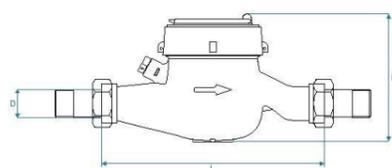
VNS

MULTI-JET SEMI-DRY TYPE WATER METER

- Nature friendly, long lifetime
- Suitable up to 50°C as a cold water meter
- Suitable for drinking water installations
- The body is protected by electrostatic paint higher than 120 microns
- AMR module options
- Brass and composite material options
- MID approved and certificated
- First class materials and production technology
- Wide and dynamic measurement range
- Accurate water flow measurement with very low-pressure losses
- 360° rotating cover



VNS-SD-XX-Y
RO-2275-18266



SIZE	DN15	DN20
L	110-190	110-190
H	107,5	107,52
D	G½B	G1B

*Other lengths available: 110-115-120-125-130-135-140-145-150-155-160-165-170-175-180-185-190

Basic Technical Data				
Nominal Diameter	DN	mm	DN15	DN20
	SIZE	inch	½"	¾"
Overload flowrate	Q ₄		≤ 3,13	≤ 5,00
Permanent flowrate	Q ₃		≤ 2,50	≤ 4,00
Transitional flowrate	Q ₂		≥ 0,020	≥ 0,032
Minimum flowrate	Q ₁		≥ 0,0125	≥ 0,0200
The measuring flowrate	Q ₃ /Q ₁		≤ 200	
The transitional flowrate	Q ₂ /Q ₁		1,6	
The overload flowrate	Q ₄ /Q ₃		1,25	
Accuracy Class			2	
Maximum permissible error for the lower flowrate zone	(MPE _l)		±5 %	
Maximum permissible error for the upper flowrate zone	(MPE _u)		± 2% for water having temperature ≤ 30°C ± 3% for water having temperature > 30°C	
Temperature Class	T		T50	
Water pressure class	Bar		MAP 16	
Pressure loss class	Bar		ΔP 63	
Indicating range	m ³		99,999	
Resolution of the indicating device	m ³		0,00005	
Orientation limitation			H	
Temperature environment			(+5°C) - (+55°C)	
Mechanical Environment Conditions			M1	

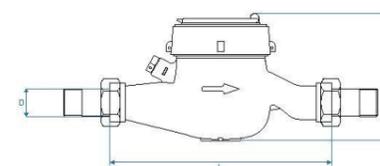
WORLD

MULTI-JET DRY TYPE WATER METER

- Nature friendly, long lifetime
- Suitable up to 50 °C as a cold water meter
- Suitable for drinking water installations
- The body is protected by electrostatic paint higher than 120 microns
- Brass and composite material options
- First class materials and production technology
- Protective for external and climate conditions with durable body
- Wide and dynamic measurement range
- Accurate water flow measurement with very low-pressure losses
- 360° rotating cover
- AMR module option



WRD-D-XX-Y
RO-2275-18267



SIZE	DN15	DN20	DN25	DN32	DN40	DN50
L	110-190*	110-190*	175-260*	175-260*	200-300	300
H	107,5	107,52	117,5	117,5	141,5	141,5
D	G½B	G1B	G1½B	G1½B	G2B	G2½B

*Other lengths available: 110-115-120-125-130-135-140-145-150-155-160-165-170-175-180-185-190

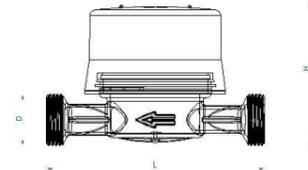
Basic Technical Data								
Nominal Diameter	DN	mm	DN15	DN20	DN25	DN32	DN40	DN50
	SIZE	inch	½"	¾"	1"	1½"	1½"	2"
Overload flowrate	Q ₄		≤ 3,13	≤ 5,00	≤ 7,88	≤ 12,5	≤ 20,0	≤ 31,3
Permanent flowrate	Q ₃		≤ 2,50	≤ 4,00	≤ 6,3	≤ 10,0	≤ 16,0	≤ 25
Transitional flowrate	Q ₂		≥ 0,020	≥ 0,032	≥ 0,0504	≥ 0,08	≥ 0,128	≥ 0,200
Minimum flowrate	Q ₁		≥ 0,0125	≥ 0,0200	≥ 0,0315	≥ 0,05	≥ 0,08	≥ 0,125
The measuring flowrate	Q ₃ /Q ₁		≤ 200					
The transitional flowrate	Q ₂ /Q ₁		1,6					
The overload flowrate	Q ₄ /Q ₃		1,25					
Accuracy Class			2					
Maximum permissible error for the lower flowrate zone	(MPE _l)		±5 %					
Maximum permissible error for the upper flowrate zone	(MPE _u)		± 2% for water having temperature ≤ 30°C ± 3% for water having temperature > 30°C					
Temperature Class	T		T50					
Water pressure class	Bar		MAP 16					
Pressure loss class	Bar		ΔP 63					
Indicating range	m ³		99,999					
Resolution of the indicating device	m ³		0,00005					
Orientation limitation			H					
Temperature environment			(+5°C) - (+55°C)					
Mechanical Environment Conditions			M1					

JUPITER

DIGITAL

- Nature friendly, long lifetime
- No mechanical parts and display
- Digital large display
- The use of water meters is for cold water up to 50°C and hot water meters up to 90°C
- No magnetic influence
- AMR module options
- Protective for external and climate conditions with durable body
- Wide and dynamic measurement range
- Accurate water flow measurement with very low-pressure losses
- 360° rotating upper body for easy reading
- Optical reading

Smart Notifications



SIZE	DN15	DN20
L	115	130
H	96,5	96,5
D	G½B	G1B

Basic Technical Data				
Nominal Diameter	DN	mm	DN15	DN20
	SIZE	inch	½"	¾"
Overload flowrate	Q ₄		≤ 3,125	≤ 5,00
Permanent flowrate	Q ₃		≤ 2,50	≤ 4,00
Transitional flowrate	Q ₂		≥ 0,016	≥ 0,0256
Minimum flowrate	Q ₁		≥ 0,010	≥ 0,016
The measuring flowrate	Q ₃ /Q ₁		≤ 250	
The transitional flowrate	Q ₂ /Q ₁		1,6	
The overload flowrate	Q ₄ /Q ₃		1,25	
Accuracy Class			2	
Maximum permissible error for the lower flowrate zone	(MPE _l)		± 5 %	
Maximum permissible error for the upper flowrate zone	(MPE _u)		± 2% for water having temperature < 30°C ± 3% for water having temperature > 30°C	
Temperature Class	T		T30, T50, T30/T90, T90	
Water pressure class	Bar		MAP 16	
Pressure loss class	Bar		ΔP 63	
Indicating range	m ³		99,99999	
Resolution of the indicating device	m ³		0,00002	
Orientation limitation			H	
Electromagnetic Class			E1	
Mechanical Environment Conditions			M1	
Environmental Class			B	



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Acrom holding group

As being one of the leading suppliers of metering solutions, with this responsibility, our mission is to provide products and services to energy companies that help them overcome the challenges ahead. With this idea, we are aware that the key elements for building a smarter grid are sustainability, consumer satisfaction and operational efficiency. Our products and solutions are focused on years of taking heed of our customers needs. We do so with our customers in mind for every action we take, so that we can help them overcome whatever obstacle they can face with.



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