Product-range

Bulk water meters
Residential water meters
Apartment water meters
Energy meters
System technologies
Gas meters

ZENNER
All that counts.

„All that counts.“

Dear Reader,

water and energy are valuable commodities. Whether in the context of human primary care with drinking water or as a location factor for the industry - the importance of these two resources is continuously increasing. In many areas of the globe, drinking water is already in short supply due to excessive use, climate change and pollution.

With the scarcity of global water resources and the world's rising energy prices, the consumption patterns with regard to sustainable use of resources also change. In this context, accurate and reliable solutions for measuring individual consumption are more in demand than even before. That is exactly what ZENNER stands for because since 1903 our business is to manufacture and to sell measuring technology.

Today we deliver our meters through a network of over 20 branches and a variety of partners in over 90 countries worldwide. With the successful entry into the U.S. market since 2012, we have successfully positioned in all five continents. True to our motto "All that counts", our product range gives you an overview of the innovative water meters, heat meters, gas meters and systems solutions of ZENNER.

Kind regards

Your Alexander Lehmann
Managing Director of the ZENNER International GmbH & Co. KG

1,200

employees on 4 continents stand for quality, precision and innovation.

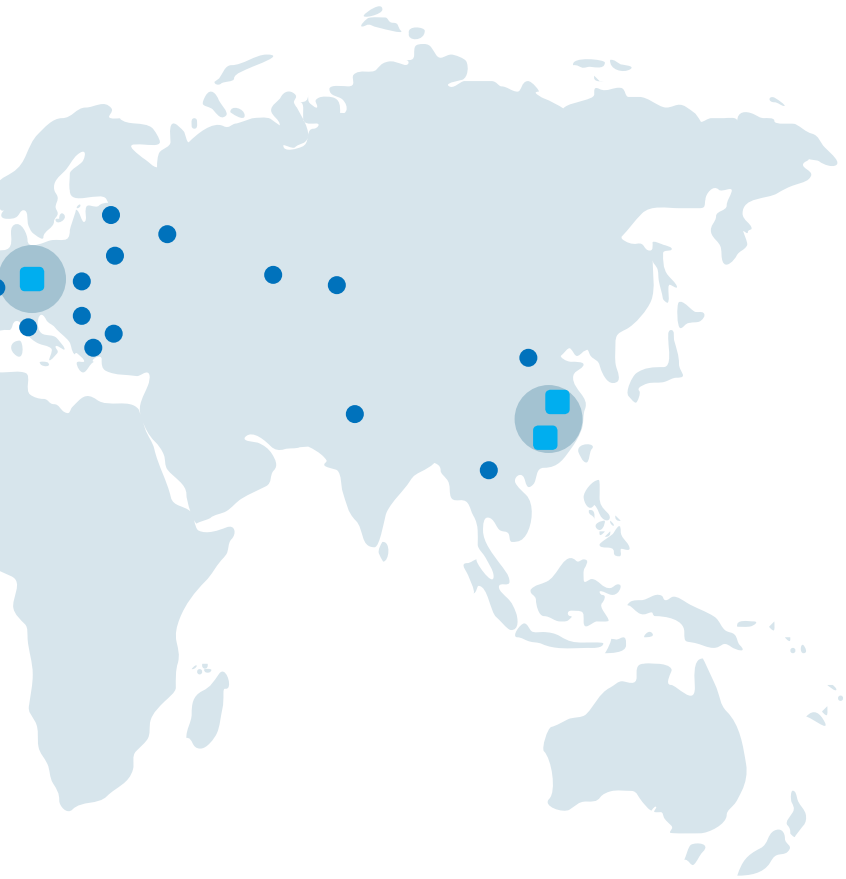
Locations in Europe

- Germany: Saarbrücken, Mulda, Mannheim
- Bulgaria: Sofia
- France: Limoges
- Italy: Bologna
- Kasakhstan: Aktobe
- Poland: Warsaw
- Romania: Bucharest
- Russia: St. Petersburg, Moscow, Tjumen
- Spain: Madrid
- Hungary: Budapest
- Belarus: Minsk

We export our products in

90

countries.



20

locations worldwide with four production sites in Europe, Asia and the US.

Locations worldwide

- Brazil: Novo Hamburgo
- Paraguay: Asunsion
- China: Fuzhou, Beijing, Shanghai
- Vietnam: Hanoi
- India: Faridabad
- USA: Banning, CA, Addison, TX

Innovative measuring equipment for global markets for over

100

years. Est. in 1903.

WPH-N
Woltman Parallel

Bulk water meter with a parallel turbine shaft, for use in the cold water area.

Performance Characteristics
> Sizes DN 40 to 500
> Low starting flow
> Large measuring range
> Horizontal & vertical installation position

Data options
> Reed pulser
> Opto sensor, Namur sensor
> Radio via split module

WS-N
Woltman Vertical

Bulk water meter with a vertical turbine shaft, for use in the cold water area.

Performance Characteristics
> Sizes DN 50 to 150
> Low starting flow
> High precision
> Horizontal installation position

Data options
> Reed pulser
> Opto sensor, Namur sensor
> Radio via split module

WPH-N 90°C
Woltman Parallel

Bulk water meter with a parallel turbine shaft, for use in the hot water area with temperatures up to 90°C.

Performance Characteristics
> Sizes DN 50 to 200
> Protected register
> Large measuring range

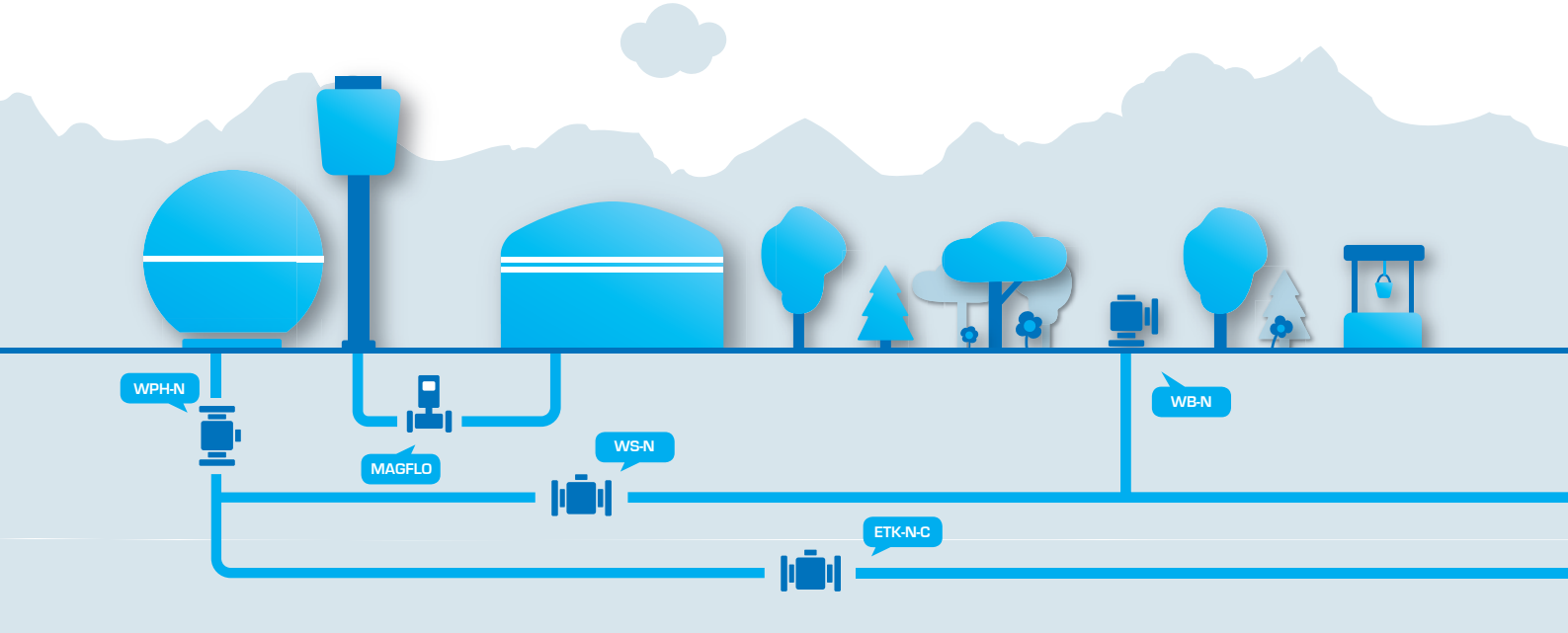
Data options
> Reed pulser
> Opto sensor, Namur sensor
> Radio via split module

ETK-N-C
Single-jet bulk water meter

Bulk single-jet meter for high flow rates with Class C measuring accuracy for cold water up to 30°C. Approved for vertical und horizontal installation.

Performance Characteristics
> Sizes DN 50 to 100
> Highest measuring accuracy
> Good long-term measuring stability

Data options
> Reed pulser
> Opto sensor, Namur sensor
> Radio via split module



WB-N
Woltman well water meter

Bulk water meter with a vertical turbine shaft. For installation at the junction of a vertical pipeline with a horizontal pipeline.

Performance Characteristics
> Sizes DN 50 to 200
> Low starting flow
> Large measurement range
Data options
> Reed pulser
> Opto sensor, Namur sensor
> Radio via split module

WPVP-N
Woltman compound water meter

Specially designed for recording extremely variable volumes of water. The register of the main meter is designed as a dry dial meter. The secondary counter can be a wet-dial, dry dial or a cartridge meter.

Performance Characteristics
> Sizes DN 50 to 200
> Low starting flow
> Large measurement range
Data options
> Reed pulser
> Opto sensor, Namur sensor
> Radio via split module

WI-N
Woltman irrigation water meter

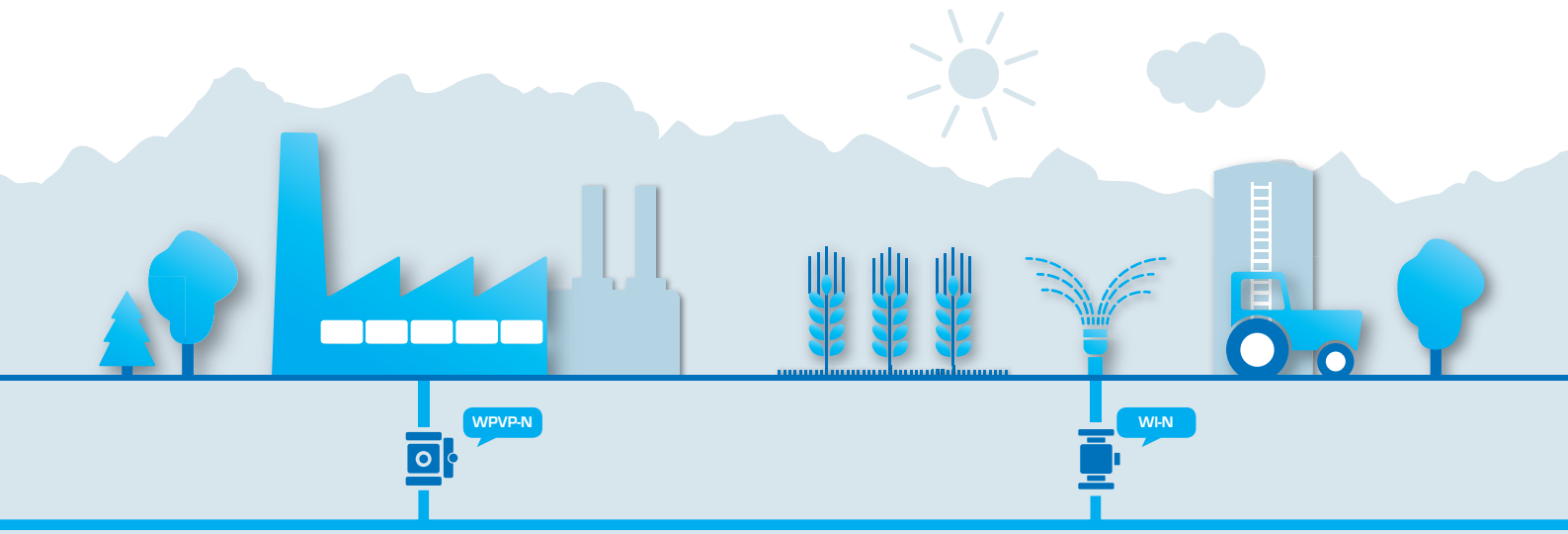
Bulk water meter for use with heavily contaminated water e.g. in agriculture, in sewage treatment plants or wastewater systems.

Performance Characteristics
> Sizes DN 50 to 200
> Robust and precise
Data options
> Reed pulser
> Opto sensor, Namur sensor
> Radio via split module

SITRANS MAGFLO
Magnetic-inductive flow sensor

Magnetic-inductive flow sensor for reliable flow measurement of all electrically conductive fluids like drinking water, waste water or sludge.

Performance Characteristics
> Sizes DN 15 to 2000
> High degree of measuring accuracy
Data options
> M-Bus interface



Residential water meters

MNK
Multi-jet wet dial meter

Residential water meter for cold potable water, used by the millions worldwide. It is characterized by high level of precision and robust construction.

Performance characteristics
> Q3 = 2,5 to 25
> High precision
> Long service life
> Approved in accordance with MID
Data options
> Reed pulser (MNK-N)
> Radio via split module

MNK-L
Multi-jet wet dial meter

Residential water meter for cold potable water with a fibre-reinforced composite housing.

Performance characteristics
> Q3 = 2,5 and 4
> Low weight
> Leadfree housing
> Approved in accordance with MID
Data options
> Reed pulser (MNK-L-N)
> Radio via split module

MNK-ST and MNK-FA
Multi-jet wet dial meter

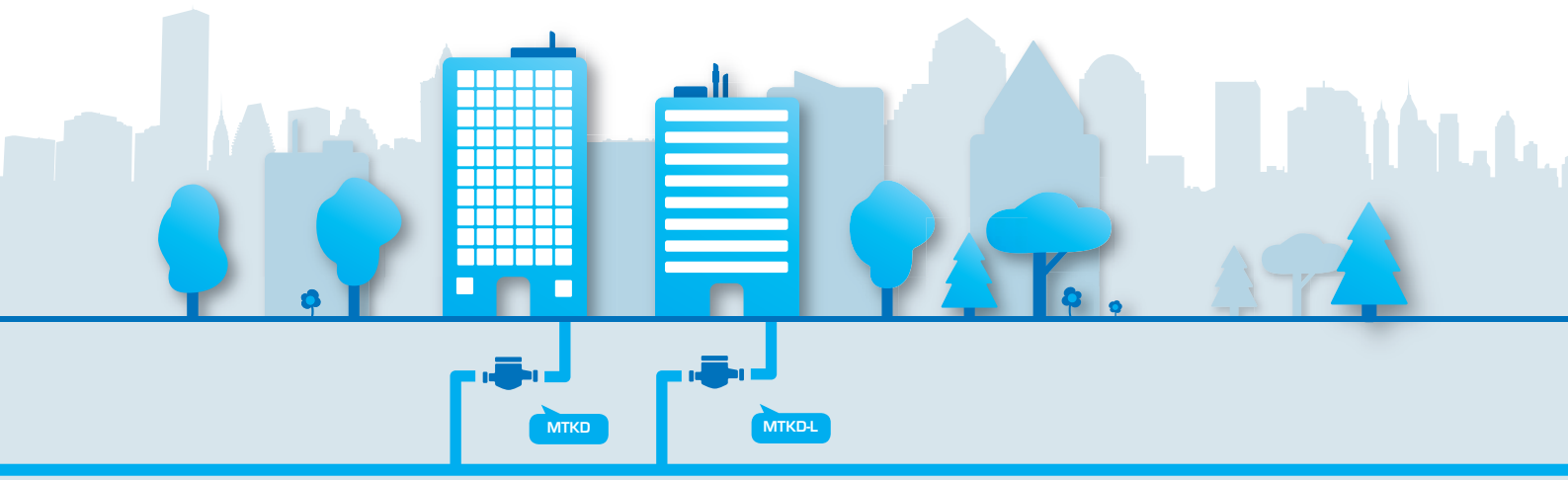
MNK-ST is the MNK version for use in ascending pipes. MNK-FA is the MNK version for use in descending pipes.

Performance characteristics
> Q3 = 4 to 16 (MNK-ST)
> Q3 = 2,5 to 4 (MNK-FA)
> High precision
> Long service life
> Approved in accordance with MID
Data options
> Reed pulser
(MNK-N-ST / MNK-N-FA)
> Radio via split module

MNK-RP
Multi-jet wet dial meter

Residential water meter for potable cold water with protected indicator wheels to secure against polluted water.

Performance characteristics
> Q3 = 2,5 to 16
> High precision
> Protected indicator wheels
> Approved in accordance with MID
Data options
> Reed pulser (MNK-RP-N)
> Radio via split module



MTKD
Multi-jet dry dial meter

Multi-jet dry dial meter for cold potable water. Also available in a standpipe (MTKD-ST) or a downpipe design (MTKD-FA).

Performance characteristics
> Q3 = 2,5 to 25
> High precision
> Reaction-free pulse detection
> Flexible and robust
> Approved in accordance with MID
Data options
> Reed pulser (MTKD-N)
> M-Bus, wM-Bus (MTKD-M)

MTKD-S
Multi-jet dry dial meter „small“

Residential water meter for cold potable water in a lightweight brass body.

Performance characteristics
> Q3 = 1,6 to 4
> High stability
> Reaction-free pulse detection
> Approved in accordance with MID
Data options
> Reed pulser (MTKD-S-N)
> M-Bus, wM-Bus (MTKD-S-M)

MTKD-L
Multi-jet dry dial meter

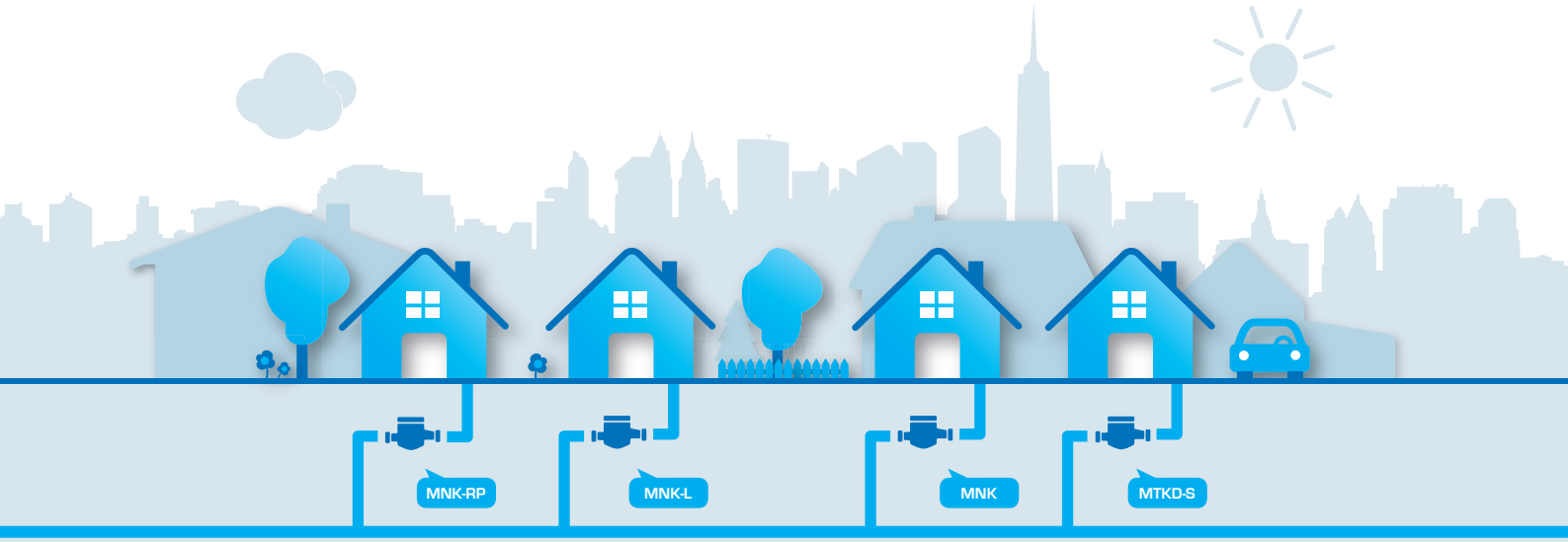
Residential water meter for cold potable water with a fibre-reinforced composite housing.

Performance characteristics
> Q3 = 2,5 and 4
> Low weight
> Reaction-free pulse detection
> Housing without heavy metals
> Approved in accordance with MID
Data options
> Reed pulser (MTKD-L-N)
> M-Bus, wM-Bus (MTKD-L-M)

MTK 45°
Multi-jet dry dial meter

Residential water meter for cold potable water with 45° inclined dial for optimized data reading in difficult installation positions.

Performance characteristics
> Q3 = 2,5 and 4
> High precision
> Flexible and robust
> Approved in accordance with MID
Data options
> Reed pulser (MTK-N 45°)
> Radio via split module



MTWD
Multi-jet dry dial meter

Residential water meter for hot water up to 90°C. Flexible and robust, equipped with most sophisticated meter communication.

Performance characteristics
> Q3 = 2,5 to 16
> High precision
> Reaction-free pulse detection
> Flexible and robust
> Approved in accordance with MID
Data options
> Reed pulser (MTWD-N)
> M-Bus, wM-Bus (MTWD-M)

MNK-P
Multi-jet cartridge meter

Residential water meter with wet dial register for cold potable water. The insert performs as an interchangeable cartridge.

Performance characteristics
> Q3 = 2,5 and 4
> High precision
> Easy calibration exchange
> Approved in accordance with MID
Data options
> Reed pulser (MNK-P-N)
> Radio via split module

MTWD-ST and MTWD-FA
Multi-jet dry dial meter

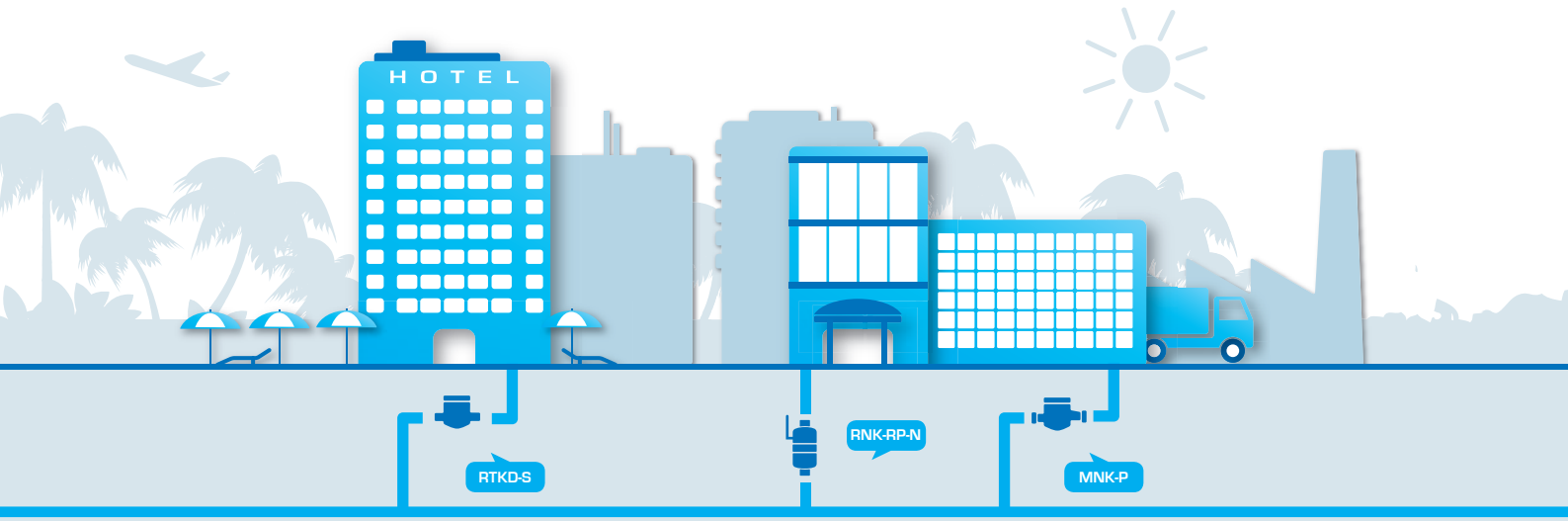
Residential water meter for hot water up to 90°C. MTWD-ST is the standpipe version, MTWD-FA the downpipe version of the MTWD water meter.

Performance characteristics
> Q3 = 2,5 and 4 (MTWD-FA)
> Q3 = 2,5 to 16 (MTWD-ST)
> High precision
> Reaction-free pulse detection
> Flexible and robust
Data options
> Reed pulser (MTWD-N-ST/FA)
> M-Bus, wM-Bus (MTWD-N-ST/FA)

MNK-MF Manifold Meter
Multi-jet cartridge meter

Flexible multi-jet cartridge meter with wet dial register especially designed for difficult installation situations.

Performance characteristics
> Q3 = 2,5 and 4
> High precision
> Approved in accordance with MID
Data options
> Reed pulser
> Radio via split module



RTKD-MF Manifold
Positive displacement meter

Flexible piston type cartridge meter with dry dial register especially designed for difficult installation situations.

Performance characteristics
> Q3 = 1,6 to 4
> High precision
> Approved in accordance with MID
Data options
> Reed pulser (RTKD-MF-N)
> M-Bus, wM-Bus (RTKD-MF-M)

RNK-RP
Positive displacement meter

The RNK-RP is a wet dial rotary piston type water meter for cold potable water. It disposes of a protected roller counter, reliably readable even under difficult climatic conditions.

Performance characteristics
> Q3 = 2,5 to 16
> Highest measuring precision
> Any installation position
> Approved in accordance with MID
Data options
> Reed pulser (RNK-RP-N)
> Radio via split module

RTKD
Positive displacement meter

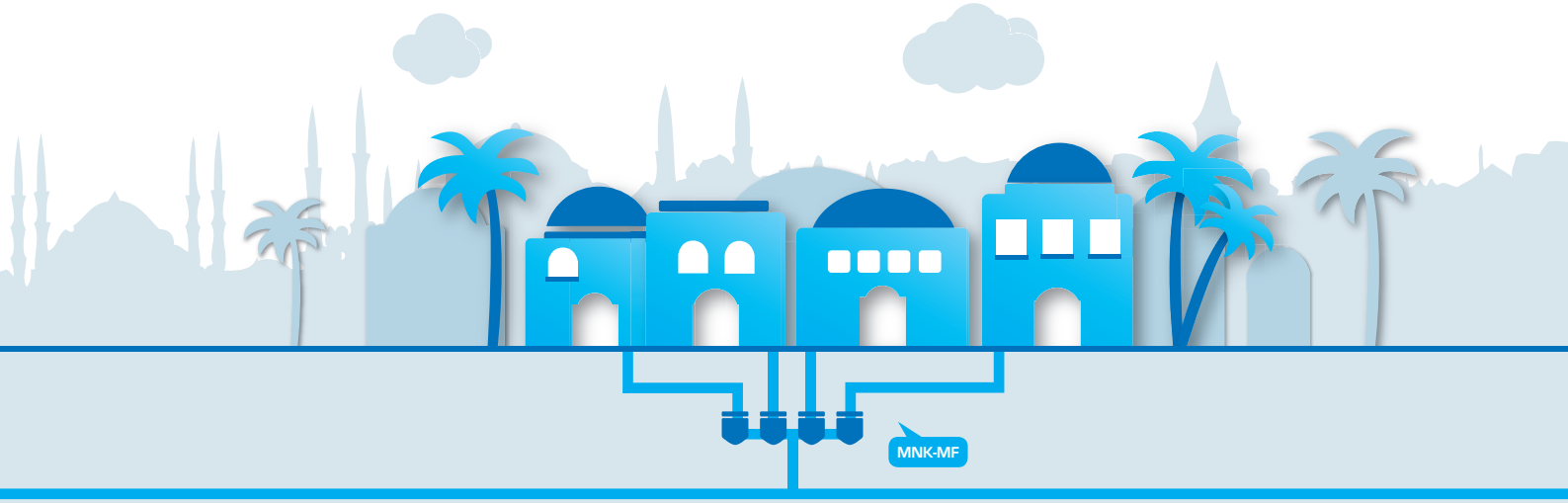
Residential water meter for cold potable water in a lightweight brass body. It is a meter for all who place the highest demands on reliability and measuring accuracy.

Performance characteristics
> Q3 = 1,6 to 4
> Highest measurement precision
> Any installation position
> Reaction-free pulse detection
> Approved in accordance with MID
Data options
> Reed pulser (RTKD-N)
> M-Bus, wM-Bus (RTKD-M)

RNK-L-RP
Positive displacement meter

Wet dial rotary piston type water meter for cold potable water with a fibre-reinforced body of pressure-tight plastic and protected roller register.

Performance characteristics
> Q3 = 2,5 and 4
> Low weight
> Any installation position
> Resistant against corrosion
> Approved in accordance with MID
Data options
> Reed pulser (RNK-L-RP-N)
> Radio via split module



ETKD and ETWD
Single-jet dry dial water meter

Single-jet meter for cold potable water up to 30°C. ETWD is the version for hot water up to 90°C. With the newly developed D-register both of them are optimally equipped for remote reading.

Performance characteristics
> Q3 = 2,5 and 4
> Highest technical standard
> Reaction-free pulse detection
> Approved in accordance with MID

Data options
> Reed pulser (ETKD-N)
> M-Bus, wM-Bus (ETKD-M)

ETK 45°
Single-jet dry dial water meter

With its 45° inclined dial, the ETK 45° allows data reading from different angles. This allows precise reading even in difficult installation situations.

Performance characteristics
> Q3 = 2,5 and 4
> Highest technical standard
> Protective cap with integrated steel foil against tampering and contamination
> Approved in accordance with ISO 4064-2005

Data options
> Reed pulser
> Radio via split module

ETKD -L
Single-jet dry dial water meter

Single-jet dry dial meter for cold water with a fibre-reinforced polymer plastic housing. Optimally equipped for remote reading.

Performance characteristics
> Q3 = 2,5 and 4
> Low weight with the highest stability
> Reaction-free pulse detection
> Approved in accordance with MID

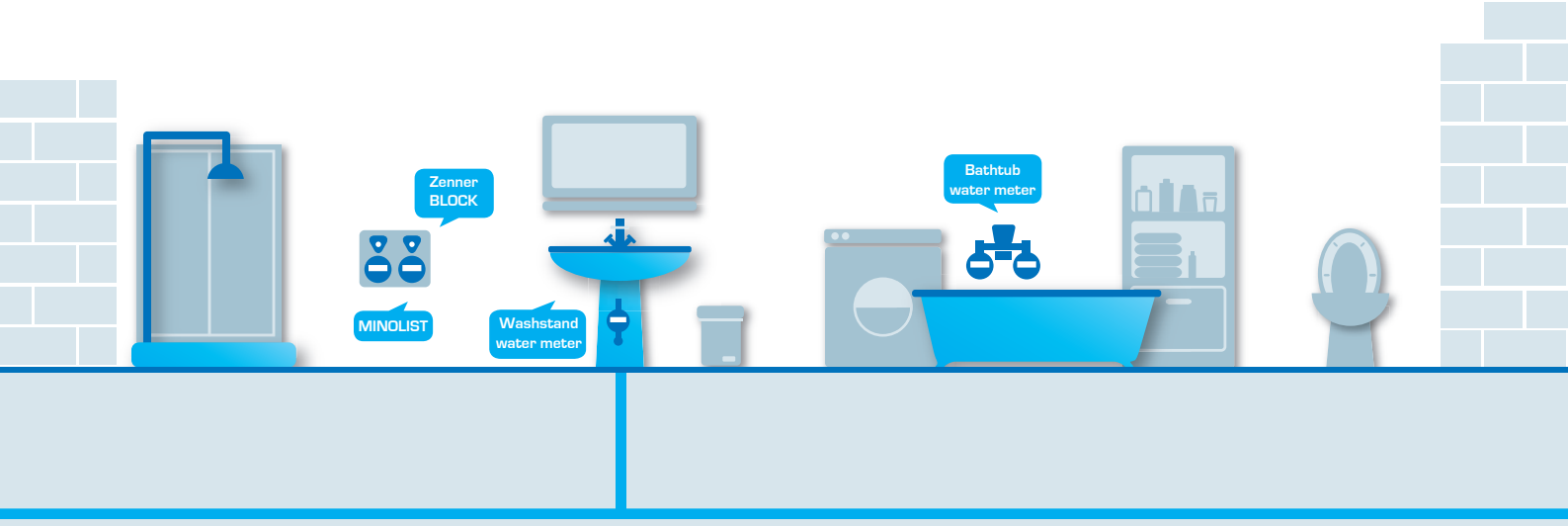
Data options
> Reed pulser (ETKD-L-N)
> M-Bus, wM-Bus (ETKD-L-M)

Universal meter M22
Single-jet dry dial water meter

The universal meter M22 is suitable for a variety of application situations due to its range of adapter pieces for installation length adjustment from 110 to 165 mm at 3/4"-threads and 105 to 190 mm at 1"-threads.

Performance characteristics
> Q3 = 2,5 and 4
> Horizontal and vertical installation position
> Approved in accordance with MID

Data options
> Reed pulser



Minolist
Water meter measuring capsule

Coaxial measuring capsule according to the multijet principle. In use by the millions for the measuring of the individual consumption in apartments and flats.

Performance characteristics
> Q3 = 2,5
> High measuring stability
> Can be installed in the narrowest of spaces
> Approved in accordance with MID

ZENNER Flush mounting block 2"
Assembly block for water meters

The ZENNER Block 2" is the smallest assembly block in the world. Meter (Minolist) and valves can be assembled in a single process. The surface-mounted set exist in white or chrome.

Performance characteristics
> Smallest installation space
> Compatible with all existing systems
> For Minolist ER2 measuring capsules
> Approved in accordance with MID

(1)

(2)

(3)

(4)

Fitting meters
Retrofit meters

Fitting meters are water meters for cold and hot water in apartments and flats - specially designed for the retrofitting of existing properties.

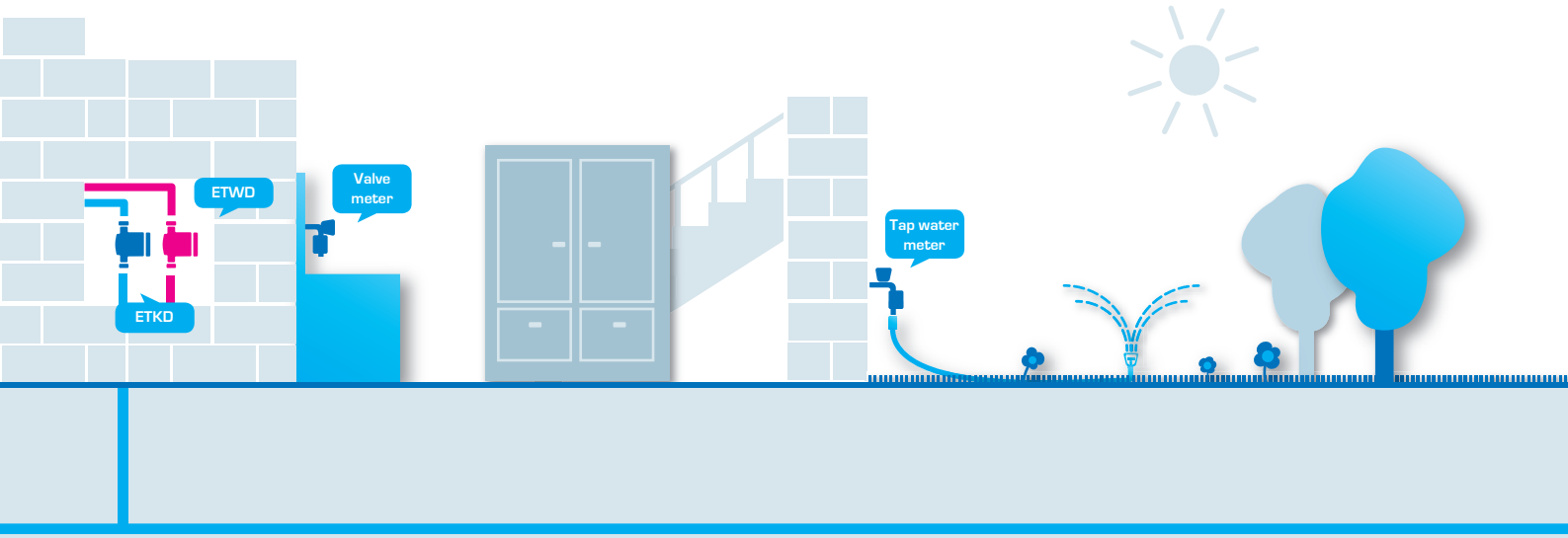
(1) The valve meter MC is the retrofit meter for existing valve connections.

(2) The bathtub water meter MC is the retrofit meter for the mixer tap on the bathtub.

(3) The washstand water meter is an ideal retrofit meter for washbasins.

(4) The tap water meter is an ideal retrofit meter for a variety of taps.

Performance characteristics
> Q3 = 2,5
> For existing flush-mounted valves
> Easy calibration exchange
> Approved in accordance with MID



zelsius C5 CMF
Compact energy meter

Electronic energy meter for heating and cooling with coaxial measuring capsule (CMF).

Performance characteristics
> qp = 0,6 to 2,5
> Wide dynamic range
> Precise and long-stable
Optionally
> 11-years battery lifetime
> Optionally: read-out cycle 4 sec.
> Approved in accordance with MID
Data options
> M-Bus, wM-Bus
> 3 Inputs / outputs

zelsius C5 IUF
Compact energy meter

Electronic energy meter for heating and cooling with ultrasonic flow sensor (IUF).

Performance characteristics
> qp = 0,6 to 2,5
> Highest precision
> Long-stable
Optionally
> 11-years battery lifetime
> Optionally: read-out cycle 4 sec.
> Approved in accordance with MID
Data options
> M-Bus, wM-Bus
> 3 Inputs / outputs

zelsius C5 ISF
Compact energy meter

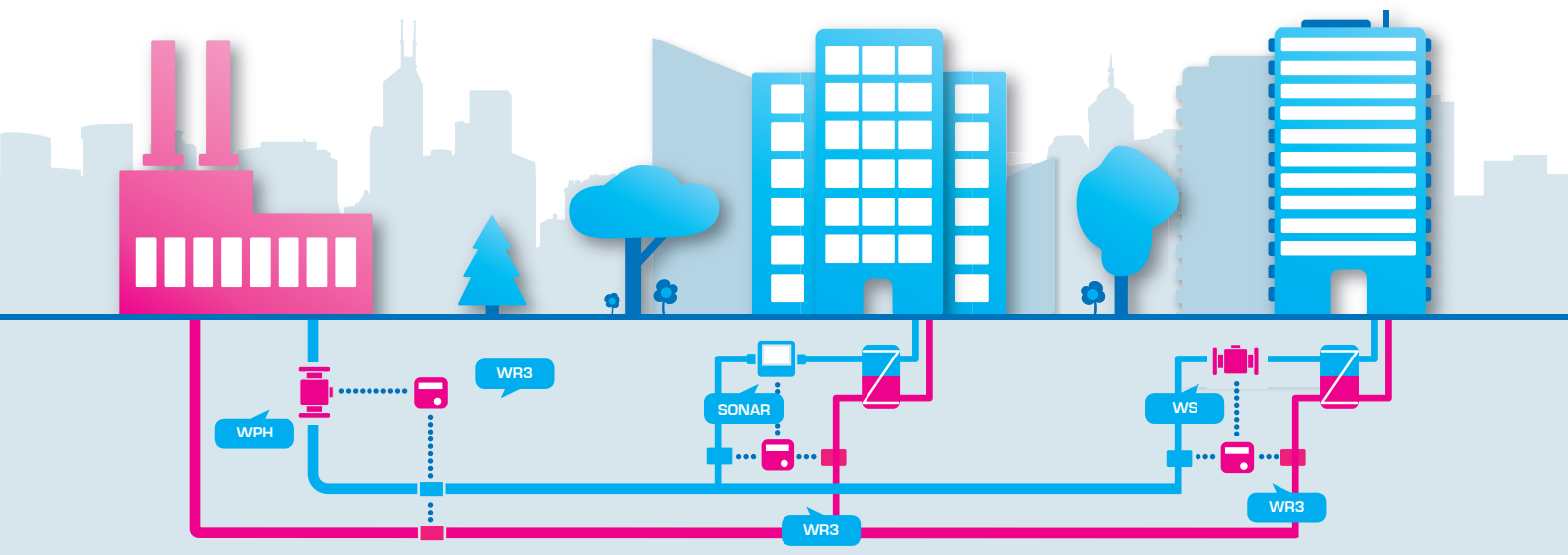
Electronic energy meter for heating and cooling with single-jet flow sensor (ISF).

Performance characteristics
> qp = 0,6 to 2,5
> Wide dynamic range
> Precise and efficient
Optionally
> 11-years battery lifetime
> Optionally: read-out cycle 4 sec.
> Approved in accordance with MID
Data options
> M-Bus, wM-Bus
> 3 Inputs / outputs

Installation accessories
for heat meter

For the initial installations of compact heat meter ZENNER offers a wide range of mounting accessories:

> Direct sensor adapter
> Ball valve with connecting piece for the installation of a temperature sensor
> Connection body
> Pocket sleeves



multidata WR3
Energy split calculator

Split calculator for use in heating and cooling systems. Can be combined with all common flow sensors and temperature sensors.

Performance characteristics
> Dynamic measuring cycle
> Integrated wall and rail mounting
> Automatic self-diagnosis
> Tariff and logger option
> Optionally: 4-wire measuring technology
> Approved in accordance with MID

Data options
> M-Bus, ZR-Bus, RS 232
> 2 Inputs / outputs

Temperature sensors
Standard sensors, AGFW and SPX

For use of split energy meters in heating and cooling systems ZENNER offers various models of high-quality platinum resistance temperature sensors: PT100, PT500 or PT1000.

Performance characteristics
> Highest quality materials
> Approved in accordance with MID

ETH
Single-jet flow sensor

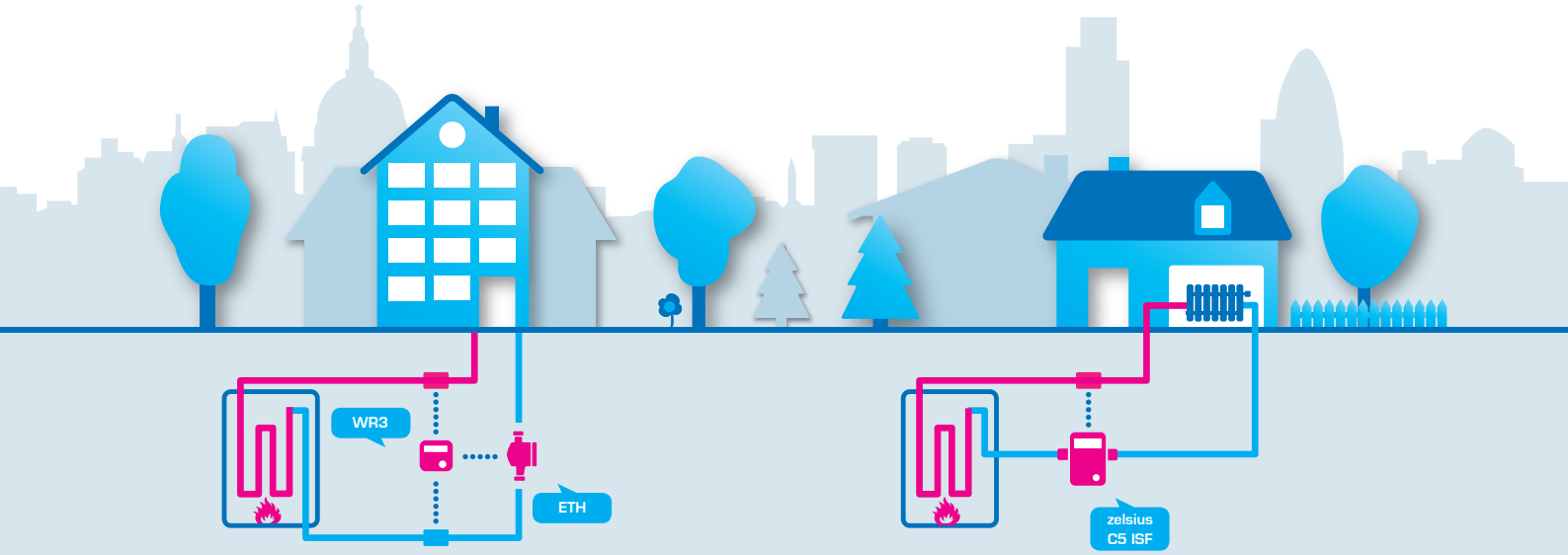
Flow sensor for flows of up to qp 2,5 and horizontal or vertical installation position.

Performance characteristics
> qp = 0,6 to 2,5
> High measuring stability
> Wide load range
> Temperature range 10°C – 90°C
> Combinable with multidata WR3
> Equipped with pulser (reed)

ISF
Single-jet flow sensor

Single-jet flow sensor with high resolution, interference-and reaction-free electronic pulse detection.

Performance characteristics
> qp = 0,6 to 2,5
> High measuring stability
> Wide load range
> Temperature range 10°C – 90°C
> Combinable with multidata WR3
> Approved in accordance with MID
> Equipped with pulser



CMF
Measuring capsule flow sensor

Coaxial measuring capsule flow sensor. A combination of compactness, robust design, flexibility and modern communication interfaces.

Performance characteristics
> qp = 0,6 to 2,5
> High measuring stability
> Wide dynamic range
> Temperature range 10°C – 90°C
> Combinable with multidata WR3
> Approved in accordance with MID
> Equipped with pulser

MTH
Multi-jet flow sensor

Multi-jet flow sensor MTH for flows from 1,5 to 10 m³/h. It is characterized by its robustness and high reliability.

Performance characteristics
> qp 1,5 to 10
> High measuring stability
> Wide load range
> Reliable in operation up to 130°C
> Combinable with multidata WR3
> Equipped with pulser (reed)

sonar
Ultrasonic flow sensor

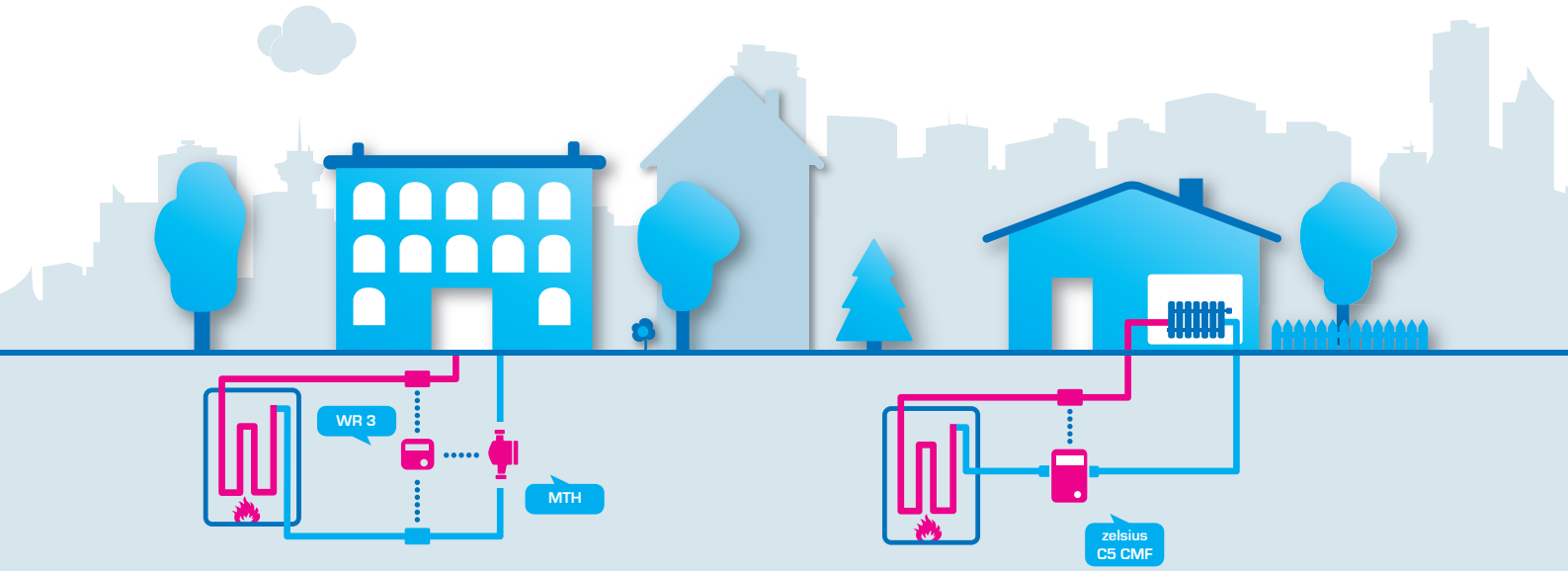
For use in heating and cooling systems. Sonar is an intelligent solution for specific technical and structural requirements.

Performance characteristics
> qp 0,6 to 60 (heating)
> qp 3,5 to 60 (cooling)
> High measuring stability
> Wide load range
> Reliable in operation up to 130°C
> Combinable with multidata WR3
> Equipped with pulser
> Approved in accordance with MID

MTH-ST, MTH-F
Multi-jet flow sensor

Versions based on multi-jet flow sensor MTH. MTH-ST was designed for use in ascending pipes, MTH-F for use in descending pipes.

Performance characteristics
> qp 1,5 to 10
> High measuring stability
> Wide load range
> Reliable in operation up to 130°C
> Combinable with multidata WR3
> Equipped with pulser (reed)



WPH
Woltman flow sensor

Flow sensor WPH (Woltman parallel) is offered from nominal diameter DN 50 on and guarantees precise measuring accuracy even by extreme loads.

Performance characteristics
> qp 15 bis 250
> High measuring stability
> Wide load range
> For horizontal and vertical installation
> Reliable in operation up to 130°C
> Combinable with multidata WR3
> Equipped with pulser (reed)

SITRANS MAGFLO
Magnetic-inductive flow sensor

Magnetic-inductive flow sensor for precise flow measuring. SITRANS MAGFLO is particularly suitable as flow sensor in cooling systems.

Performance characteristics
> Sizes DN 15 to 2000
> Highest measuring accuracy
> High long-term stability
> Easy to install
> Easy to maintain
Data options
> M-Bus interface

WS
Woltman flow sensor

Flow sensor WPH (Woltman vertical) is offered from nominal diameter DN 50 on and guarantees precise measuring accuracy even by fluctuating flow rates.

Performance characteristics
> qp 15 bis 150
> High measuring stability
> Wide load range
> For horizontal installation
> Reliable in operation up to 130°C
> Combinable with multidata WR3
> Equipped with pulser (reed)

multidata cooling
Energy calculator for cooling meters

Split calculator for use particularly in cooling systems. Multidata can be combined with all common flow sensors and temperature sensors.

Performance characteristics
> Dynamic measuring cycle
> Integrated wall and rail mounting
> Automatic self-diagnosis
> Tariff and logger options
> Optionally: 4-wire measuring technology
> National approval (K7.2)
Data options
> M-Bus, ZR-Bus, RS 232
> 2 Inputs / outputs

EDC Communication module
Radio, M-bus and pulse version

Battery powered clip-on module for secure remote reading to integrate water meters in Smart Metering AMR/AMI Systems by pulser, M-bus or wireless M-bus.

Performance characteristics
> Protection class IP68
> Self-monitoring
> Tampering detection
> Dismounting detection
> Reverse water flow detection
> Leakage detection
> Meter stop detection
> Meter oversized detection
> According to OMS-Specification

Pulse Data Capture
External wM-bus split-module

With the Pulse Data Capture every meter with pulse output can be integrated in wireless M-bus radio systems.

Performance characteristics
> Battery powered
> Reliable radio transmission
> Frequency 868 MHz
> Protection class IP68 possible
> Version with pulse to M-bus function available
> According to OMS-Specification

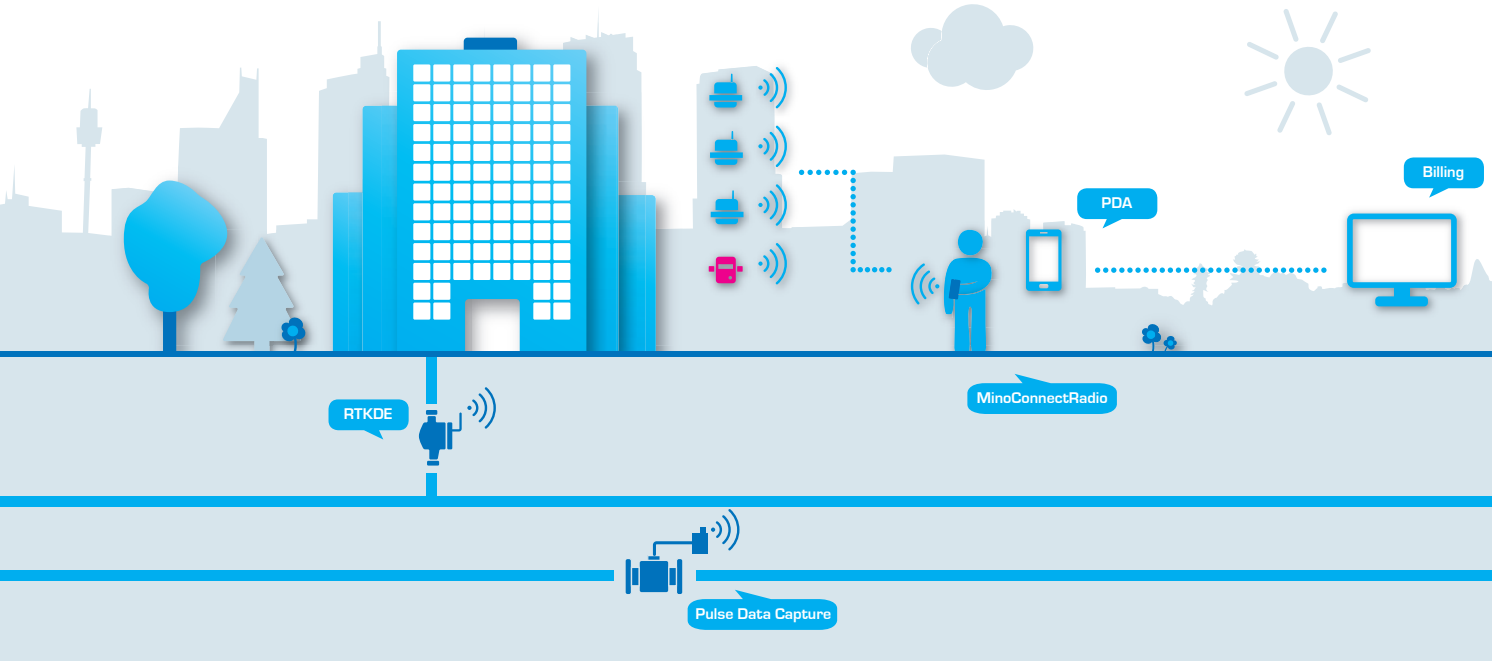
MinoConnectRadio
Wireless M-Bus receiver

Using the MinoConnectRadio receiver in combination with a readout software, all ZENNER devices with a wireless M-Bus interface can be read out by „walk-by"

Performance characteristics
> Battery-powered
> Simple operation
> Status LED indicates the operational status
> RS232 and RS485 interface
> Integrated torch

Walk-by reading software
for Android Handhelds

For different applications and system sizes from the simple readout software for reading water meters in shafts or manholes up to the fully extent readout software with professional route management and GPS geo coding, software licences are available for mobile devices and PC.



CommunicationMaster-E / -G
For remote readout of M-Bus systems

For easy and safe remote reading of M-Bus or ZR-Bus systems via Internet or GSM. By use of ZENNER-meterVPN, the gateway enables an automatic and secure connection between the read out signal converter and the reading PC.

Performance characteristics
> Power supply
> Wall mounting
> Protection class IP42
> Autostart function for commissioning
> Encrypted connection via meterVPN.

GMM GlobalMeterManager
Professional readout software

The professional system software offers enhanced functionality for device parameterization of ZENNER devices as well as for commissioning of remote reading systems with subsequent data management.

The GMM software offers exactly the suitable function range for each case of application. It doesn't matter whether device parameterization or commissioning of remote reading systems - with the innovative concept, to concentrate components into so-called function packages, you can licence the package matching for the application.

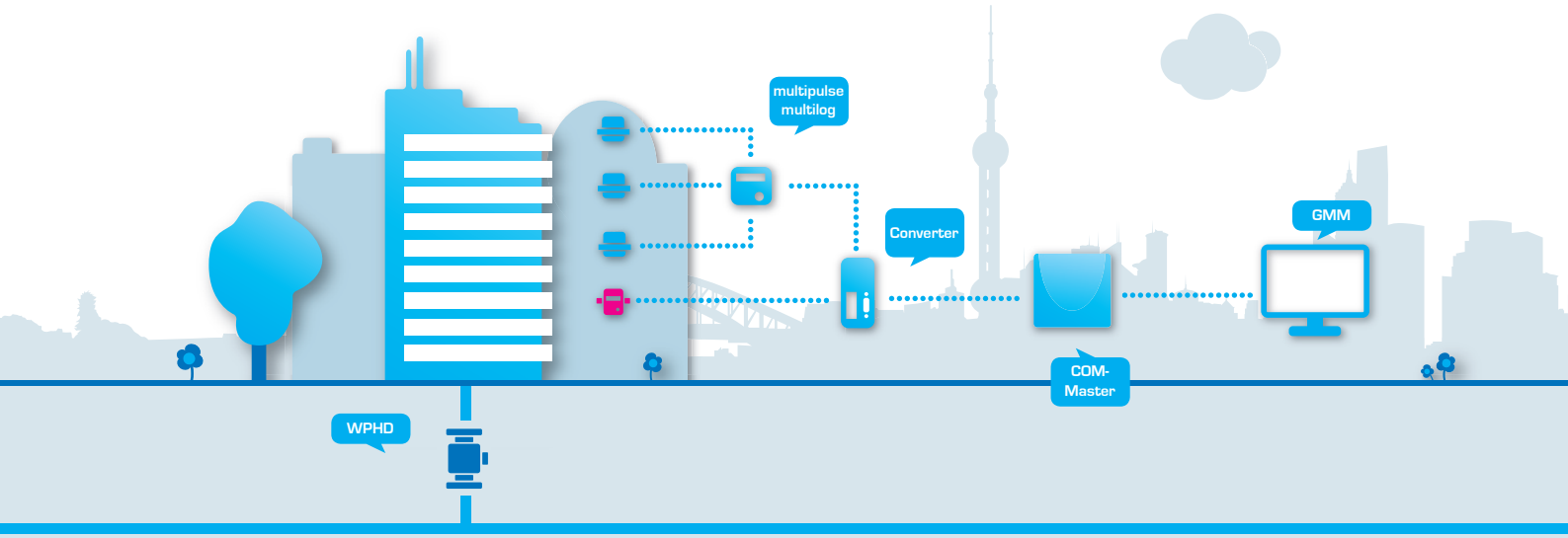
ZCOM330
Digital M-Bus Level Converter

For powering the M-Bus segments and as interface to PC or transmission devices (such as CommunicationMasters with Ethernet or GSM interfaces) different M-Bus converters are available.

multipulse / multilog
Pulse counter module

An electronic pulse counter module used for the remote readout of meter readings or to integrate pulse counters into an M-Bus system. Up to three meters with pulse output can be connected.

Performance characteristics
> Power supply with battery
> Ambient temperature 5°C - 55°C
> M-Bus-, ZR-Bus or RS232-Interface
> Multilog variant for data logger applications



Atmos® G1.6S, G2.5S, G4.S
Diphragm gas meter

Solid built quality, high accuracy, safety, and a series of advanced technical details make the ZENNER diaphragm gas meter a high-grade measuring instrument.

Performance characteristics
> Material: Sheet steel
> Sizes G1.6, G2.5, G4
> Temp.: -25 °C to 55 °C
> Operating pressure: 0,5 bar
> Retrofittable with pulser
> Cyclic volume: 1,2 l
> EN1359:1998/A1:2006

Atmos® IQ IG1.6S, IG2.5S, IG4S
Intelligent gas meter

The intelligent diaphragm gas meter uses an encrypted IC or CPU card as a data carrier. The meter is characterized by precise measurements, a constant measuring stability, a long life and high reliability.

Performance characteristics
> Material: Sheet steel
> Sizes IG1.6, IG2.5, IG4
> Temp.: -25°C to 55°C
> Operating pressure: 0,5 bar
> Cyclic volume: 1,2 l
> Credit functions
> EN1359:1998/A1:2006

Atmos® IQ-XL IG6 to IG100
Industrial gas meter

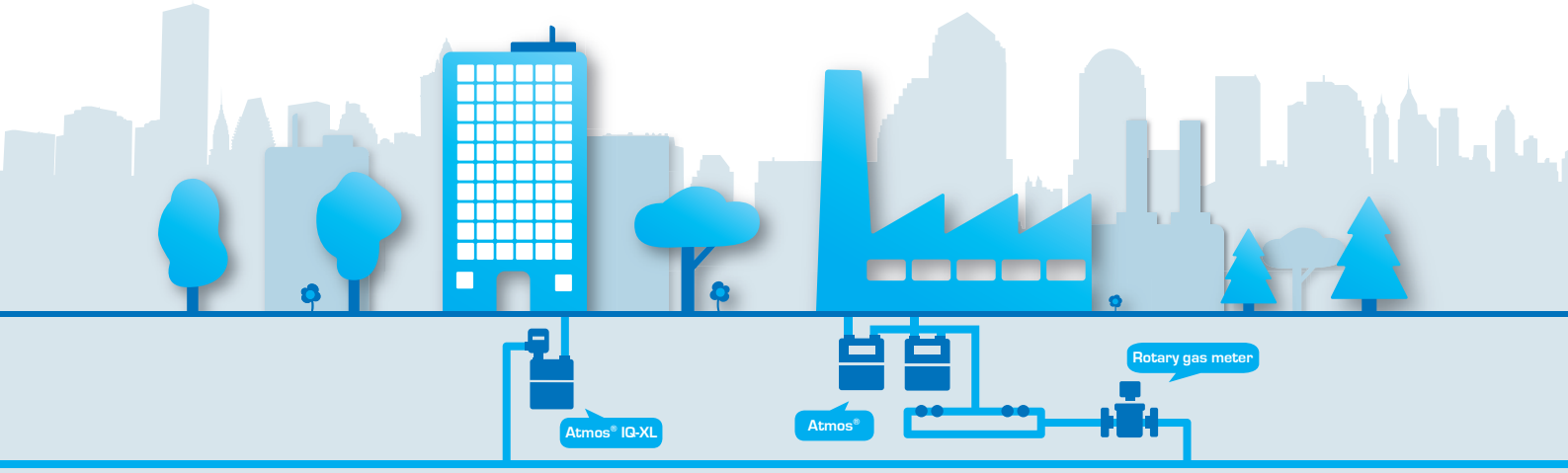
The intelligent industrial diaphragm gas meter is a credit gas meters for commercial and industrial settings and uses an encrypted IC card as a data carrier.

Performance characteristics
> Material: Aluminium
> Sizes G6 to G100
> Temp.: -25°C to 55°C
> Cyclic volume: 2 l to 18 l
> Credit functions
> EN1359:1998/A1:2006

Atmos® IQ-HP IG1.6A, IG2.5A
Diphragm gas meter

These intelligent diaphragm gas meters are made of aluminium and resistant to corrosion. They are designed for use at high operating pressure.

Performance characteristics
> Material: Aluminium
> Sizes G1.6, G2.5
> Temp.: -25°C to 55°C
> Operating pressure: 0,5 - 3 bar
> Cyclic volume: 1,2 l
> EN1359:1998/A1:2006



Atmos® WG2.5S
Wide range gas meter

The WG2.5S wide range gas meter has a wide Mesuring range for flow rates from 0,016 to 6 m³/h.

Performance characteristics
> Material: Sheet steel
> Size G2.5
> Wide measuring range
> Temp.: -25°C to 55°C
> Operating pressure: 0,5 bar
> Retrofittable with pulser
> Cyclic volume: 1,2 l
> EN1359:1998/A1:2006

Industrial gas meter
Rotary gas meter

The IC card rotary meters consist of rotary gas meters and IC card controller with electronic valve for credit systems. They are available in sizes from DN 25 to DN 250.

Performance characteristics
> Material: Aluminium
> Sizes DN 25 to DN 250
> Temp.: -20°C to 50°C
> Credit functions
> EN1359:1998/A1:2006

Atmos® IQ-W IWG2.5S-W
Wireless gas meter

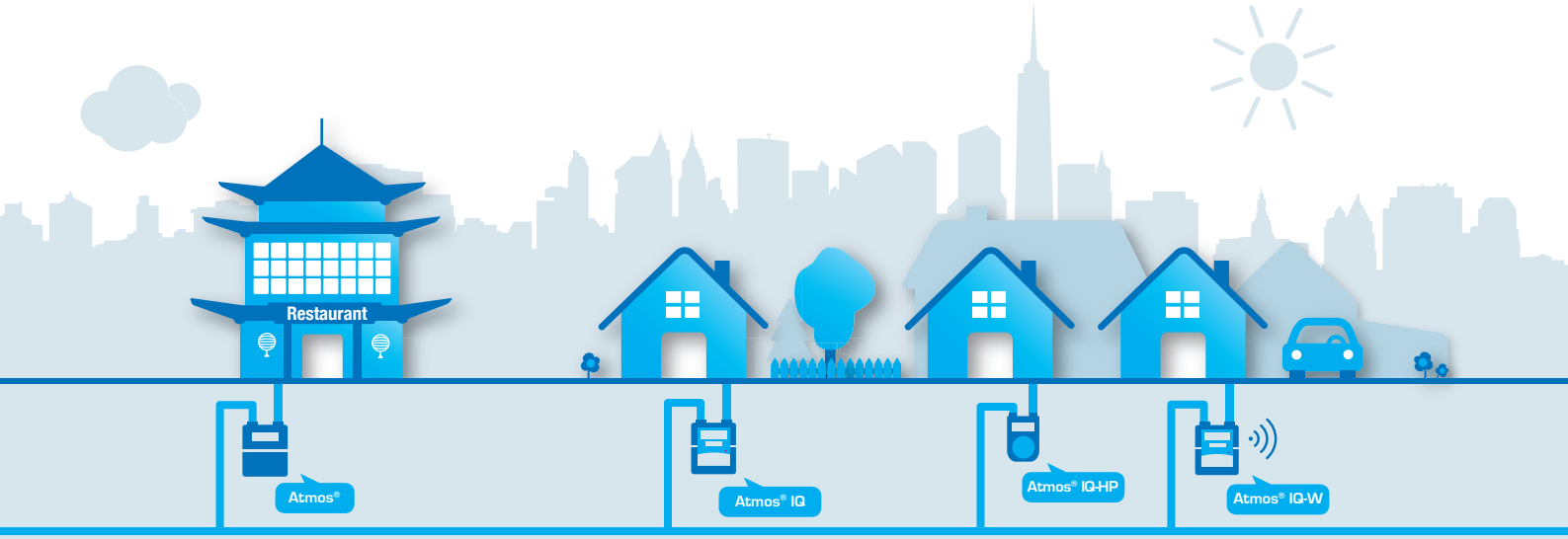
The intelligent wireless wide-range diaphragm gas meter enables remote reading of gas meters by wireless communication. An innovative monitoring software can take advantage of many features for the gas utilities.

Performance characteristics
> Material: Sheet steel
> Size G2.5
> Wide measuring range
> Wireless communication
> Temp.: -25°C to 55°C
> Operating pressure: 0,5 bar
> Cyclic volume: 1,2 l
> EN1359:1998/A1:2006

Gas alarm
dector for gases

The Gas Alarm is a high-quality, stand-alone gas sensor combined with advanced electronics. The Gas Alarm detects combustible and toxic gases such as natural gas and LPG, biogas and city gas, carbon monoxide, hydrogen gas, and other gases.

Performance characteristics
Characteristics
> High-performance planar sensors
> Compatible with other sensors
> Rapid detection
> High accuracy
> Low power consumption
> Low error rate



Notes

ZENNER International GmbH & Co. KG
Römerstadt 6
66121 Saarbrücken
Germany

Telefon +49 681 99 676-30
Telefax +49 681 99 676-3100

E-Mail info@zenner.com
www.zenner.com