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SICHUAN YUANHENGDING

TRADING CO., LTD.

METERING & INSTRUMENTS PRODUCT MANUAL

GAS METERS · FLOW METERS & GAS-DETECTION TERMINALS

FOR SMART GAS NETWORKS & CUSTODY-TRANSFER METERING

2010
Founded in Sichuan · City-gas industry since 2010

G1.6~G65
Full range of diaphragm gas meters

DN50~DN200
Turbine & ultrasonic meters · NB-IoT remote reading

Marketing material · Products subject to final quotation

CATALOGUE 2026

ABOUT YUANHENGDING COMPANY PROFILE

Founded in 2010 and headquartered in Sichuan, Sichuan Yuanhengding Trading Co., Ltd. (“Yuanhengding”) is a professional service provider dedicated to the city-gas sector, offering full-chain technical solutions. Its business spans the entire gas-engineering lifecycle — from front-end customised solution design and precise equipment & material selection and supply, to professional diagnosis, evaluation and digital upgrade of existing gas-network systems — delivering one-stop, turnkey services for clients across the gas industry chain.

Backed by years of industry experience, Yuanhengding has built a complete product and supply system covering pressure regulating equipment, metering instruments and flow meters, valves, automatic control equipment, and pipes & fittings. Its products are widely deployed in city gate stations, district regulating stations and industrial, commercial & residential gas distribution, meeting multi-level, multi-condition requirements from station-level projects down to end users.

The company's technical strength and delivery quality have earned recognition from a number of leading industry groups, and mature solutions are already running in many cities across the country. The company's legal representative holds a senior engineer title, is enrolled in the government expert pool and serves as an externally appointed government expert, providing solid assurance of technical authority and high-quality delivery.

Yuanhengding upholds the mission of “striving to deliver safer, more efficient and more reliable gas supply to users”. Guided by customer needs and driven by technological innovation, it continuously improves the safety, stability and cost-effectiveness of gas supply, aiming to become a leading benchmark enterprise of integrated gas services in China.

CORE BUSINESS

Gas-engineering solution design · Equipment & material selection and supply · Network diagnosis & evaluation · IoT digital upgrade

BENCHMARK CLIENTS

Core partners include PetroChina, China Resources Gas, The Hong Kong and China Gas Company (Towngas) and other leading groups

QUALITY COMMITMENT

Rigorous engineering selection and full-process quality control; every unit strictly inspected before shipment, with responsive service support

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PRODUCT CONTENTS METERING & INSTRUMENTS

Category	Product Name
METERING EQUIPMENT	G1.6~G4(T) Series Diaphragm Gas Meter
METERING EQUIPMENT	G6~G65 Series Commercial Diaphragm Gas Meter
METERING EQUIPMENT	Diaphragm Gas Meter
METERING EQUIPMENT	NB-IoT Diaphragm Gas Meter
METERING EQUIPMENT	QK7000 Series Ultrasonic NB-IoT Gas Meter
METERING EQUIPMENT	Ultrasonic Gas Meter (Residential)
METERING EQUIPMENT	Ultrasonic Gas Meter (Commercial)
METERING EQUIPMENT	Smart Camera-Reading Gas Meter
METERING EQUIPMENT	Gas Ultrasonic Flowmeter
METERING EQUIPMENT	Household Combustible Gas Detector (Laser)
METERING EQUIPMENT	Household Combustible Gas Detector (Semiconductor)
METERING EQUIPMENT	Industrial & Commercial Combustible Gas Detector
METERING EQUIPMENT	Low-Power Remote Terminal Unit (Valve-Control Prepaid)
METERING EQUIPMENT	Low-Power Remote Terminal Unit (Data Acquisition)
METERING EQUIPMENT	TRZ2 Turbine Gas Meter
METERING EQUIPMENT	RABO Rotary Gas Meter

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G1.6~G4(T) Series Diaphragm Gas Meter

Residential & Commercial Metering



Product appearance for reference

CORE PARAMETERS

Model & Size **G1.6 / G2.5 / G4; optional temperature-compensated G1.6T / G2.5T / G4T**	Metering Principle **Diaphragm type (positive-displacement mechanical metering)**
Max. Operating Pressure **50 kPa (high-pressure type 150 kPa)**	Accuracy Class **Class 1.5**
Operating Temperature **-25 ℃ ~ +55 ℃**	Applicable Medium **Natural gas, town gas, propane, butane, air, etc.**
Connection Type **Threaded connection M30×2**	Protection & Explosion-proof **IP65**

PRODUCT FEATURES

- Dual-diaphragm, four-chamber positive-displacement metering with magnetic/mechanical coupling drive for stable, reliable measurement
- Accuracy class 1.5, with stable error over the full range and high sensitivity
- Back-stop device standard across the series, with anti-reverse-installation and anti-tamper design
- T-type built-in bimetallic element automatically compensates metering deviation caused by temperature changes
- Design service life of 12 years, compliant with EN 1359 and OIML R31
- Mechanical counter: minimum reading 0.2 m^3, maximum reading 99999.99 m^3

Series Specification

Parameter	G1.6 / G1.6T	G2.5 / G2.5T	G4 / G4T
Maximum flow rate Qmax (m^3/h)	2.5	4	6
Minimum flow rate Qmin (m^3/h)	0.016	0.025	0.04
Cyclic volume (L)	1.2	1.2	1.2
Maximum working pressure (kPa)	50 (high-pressure type 150)	50 (high-pressure type 150)	50 (high-pressure type 150)
Total pressure loss (Pa)	≤180	≤180	≤180
Accuracy class	Class 1.5	Class 1.5	Class 1.5
Working temperature (℃)	-25 ~ +55	-25 ~ +55	-25 ~ +55
Counter reading range (m^3)	0.2 ~ 99999.99	0.2 ~ 99999.99	0.2 ~ 99999.99
Overall dimensions A×B×C×D×E (mm)	110/130×221×67×205×160	110/130×221×67×205×160	110/130×221×67×205×160
Connection thread	M30×2	M30×2	M30×2
Weight (kg)	1.9	1.9	1.9

Standard Price	MOQ	Monthly Capacity	Lead Time
On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail

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G6~G65 Series Commercial Diaphragm Gas Meter

Industrial & Commercial Metering



Product appearance for reference

CORE PARAMETERS

Model & Size
G6 / G10 / G16 / G25 / G40 / G65; temperature-compensated T types optional for G6~G25

Metering Principle
Diaphragm type (positive-displacement mechanical metering)

Max. Operating Pressure
30 kPa (steel-cased type); 100 kPa (high-pressure cast-aluminium type)

Accuracy Class
Class 1.5

Operating Temperature
-25 ℃ ~ +55 ℃ (-10 ℃ ~ +40 ℃ for G6T~G25T)

Applicable Medium
Natural gas, town gas, propane, butane, air, etc.

Connection Type
Threaded connection G1 1/4 ~ G3 (G1 1/4, G2, G2 1/2 or G3 per capacity rating)

Protection & Explosion-proof
IP65

PRODUCT FEATURES

- Covers seven capacity ratings from G6 to G65 with maximum flow rates of 10~100 m³/h; wide range and strong interchangeability
- Two constructions available: steel-cased standard type and cast-aluminium high-pressure type; the high-pressure type withstands 100 kPa and is corrosion-resistant
- The high-pressure type is equipped with the patented K-system error adjustment device; core metering components are imported and error adjustment is stable
- Back-stop device standard across the series, with anti-reverse-installation and anti-tamper design
- Temperature compensation optional for G6T~G25T, automatically correcting the effect of temperature on the metered volume
- Design service life: 12 years for the steel-cased type, 25 years for the cast-aluminium high-pressure type

Series Specification

Parameter	G6 / G6T	G10 / G10T	G16 / G16T	G25 / G25T	G40	G65
Maximum flow rate Qmax (m³/h)	10	16	25	40	65	100
Minimum flow rate Qmin (m³/h)	0.06	0.1	0.16	0.25	0.4	0.65
Total pressure loss (Pa)	≤200	≤300	≤300	≤300	≤300	≤400
Maximum working pressure (kPa)	30	30	30	30	30	30
Overall dimensions A×B×C×D×E (mm)	180×282×92×276×202	250×311×92×350×202	280×375×130×405×275	335×375×130×465×275	440×579×277×717×556	440×579×277×717×556
Connection thread	G1 1/4	G2	G2	G2 1/2	G3	G3
Weight (kg)	3.8	4.2	8	8.5	40	46

Standard Price	MOQ	Monthly Capacity	Lead Time
On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail

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Diaphragm Gas Meter

Residential & Commercial Metering



Product appearance for reference

CORE PARAMETERS

Model & Size **G1.6/G2.5/G4/G6/G10/G16/G25**	Metering Principle **Flexible-diaphragm positive-displacement metering (mechanical)**
Max. Operating Pressure **50 kPa**	Accuracy Class **Class 1.5**
Operating Temperature **-25℃~+55℃**	Applicable Medium **Natural gas, LPG and other fuel gases**
Connection Type **Threaded connection**	Protection & Explosion-proof **IP65**

PRODUCT FEATURES

- Smooth indication-error curve with balanced performance across all flow points for accurate metering
- Multi-stage transmission mechanism for smooth, low-noise mechanical operation
- 3 mm reinforced plate with serrated-crimp meter connections for high resistance to torque and bending
- Transmission mechanism optimised through fluid-dynamics simulation for low pressure loss and high sensitivity
- Wide temperature adaptability from -25 ℃ to +55 ℃
- Thickened and widened sealing ring with arched reinforcement at the four corners for high pressure-withstanding strength

Series Specification

Parameter	G1.6	G2.5	G4	G6	G10	G16	G25
Nominal flow (m^3/h)	1.6	2.5	4	6	10	16	25
Maximum flow (m^3/h)	2.5	4	6	10	16	25	40
Minimum flow (m^3/h)	0.016	0.025	0.04	0.06	0.1	0.16	0.25
Overall dimension A (mm)	130	130	130	180	250	280	335
Overall dimension B (mm)	224	224	224	282	311	375	375
Overall dimension C (mm)	68	68	68	92	92	130	130
Overall dimension D (mm)	200	200	200	276	350	405	465
Overall dimension E (mm)	168	168	168	202	202	275	275
Accuracy class	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Maximum working pressure (kPa)	50	50	50	50	50	50	50
Total pressure loss (Pa)	≤200	≤200	≤200	≤200	≤200	≤200	≤200
Working temperature	-25℃~+55℃	-25℃~+55℃	-25℃~+55℃	-25℃~+55℃	-25℃~+55℃	-25℃~+55℃	-25℃~+55℃
Ingress protection	IP65	IP65	IP65	IP65	IP65	IP65	IP65

Standard Price	MOQ	Monthly Capacity	Lead Time
On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail

The above parameters are listed by series model; each individual meter is subject to its factory nameplate and verification certificate.

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NB-IoT Diaphragm Gas Meter

Residential & Small Commercial Metering



Product appearance for reference

CORE PARAMETERS

Model & Size **G1.6~G25 (dry-cell or lithium powered)**	Metering Principle **Flexible-diaphragm positive-displacement metering; photoelectric direct readout / Hall pulse sampling**
Max. Operating Pressure **50 kPa**	Accuracy Class **Class 1.5**
Operating Temperature **-25℃~+55℃**	Applicable Medium **Fuel gas (residential and small industrial & commercial users)**
Connection Type **Threaded connection**	Protection & Explosion-proof **IP65; explosion-proof marking: Ex ib ⅡB T3 Gb**

PRODUCT FEATURES

- NB-IoT narrowband IoT communication with wide coverage, massive connections and stable, reliable data transmission
- Photoelectric direct readout or Hall-effect pulse sampling for accurate readings
- Supports tiered pricing and scheduled or real-time price adjustment, with operating modes configured by parameters
- Low-power design: lithium battery life ≥10 years, alkaline battery life ≥1 year
- Highly reliable built-in valve, proven over tens of thousands of consecutive operations without failure
- Real-time meter status monitoring: remote valve control, central/meter-end settlement, abnormal alarms, valve shut-off on power loss / magnetic interference / loss of communication / prolonged no-flow, and linked valve shut-off with an external combustible-gas detector

Series Specification

Parameter	Specification
Meter model	G1.6~G25
Nominal flow range	1.6~25 m³/h (for G1.6~G25)
Explosion-proof marking	Ex ib IIBT3 Gb
Accuracy class	Class 1.5
Power supply	Dry-cell or lithium battery

Parameter	Specification
Total pressure loss	≤250 Pa (G6 and below); ≤375 Pa (G10 and above)
Battery life	Dry-cell: ≥1 year; lithium: ≥10 years
Maximum working pressure	50 kPa
Ingress protection	IP65
Working temperature	-25 ℃ ~ +55 ℃

Standard Price	MOQ	Monthly Capacity	Lead Time
On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail

Power supply: dry-cell or lithium battery (dry-cell life ≥1 year, lithium ≥10 years); total pressure loss ≤250 Pa (G6 and below) and ≤375 Pa (G10 and above).

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QK7000 Series Ultrasonic NB-IoT Gas Meter

Residential · Industrial & Commercial · Smart Metering



Product appearance for reference

CORE PARAMETERS

Model & Size
QK7000 series: G1.6 / G2.5 / G4 / G4W / G6 / G10 / G16 / G25

Metering Principle
Ultrasonic transit-time (no mechanical moving parts)

Max. Operating Pressure
20 kPa (residential) / 15 kPa (industrial & commercial)

Accuracy Class
Class 1.5 (Class 1.0 available on request)

Operating Temperature
Working/medium temperature -25 ℃ ~ +55 ℃; storage -20 ℃ ~ +60 ℃

Applicable Medium
Natural gas, air and other non-corrosive gases

Connection Type
Residential: threaded M30×2; industrial & commercial: threaded G1 1/4 ~ G2 1/2

Protection & Explosion-proof
IP65; Ex ia IIB T3 Gb

PRODUCT FEATURES

- Ultrasonic transit-time metering with no mechanical moving parts or wear, ensuring stable long-term accuracy
- Dual-MCU design with independent power supplies for metering and communication; dual backup plus strong read/write verification keeps the meter measuring correctly even when the external battery is depleted
- National cryptographic (SM) algorithms / secure-element encryption and encrypted communication (optional) safeguard the storage and exchange of metering data
- Built-in motor valve supports remote normal/authorised shut-off; alarm-triggered shut-off with reporting for events such as two-level insufficient balance, low voltage, abnormal high/low flow, overload, bypass, leakage, reverse installation, cover removal and prolonged no-use periods
- Hourly/daily/monthly frozen data can be stored continuously for 10 years, with off-peak upload scheduling between system and terminal and backfilling of data not reported within 30 days; NB-IoT wireless plus local infrared dual channels support remote parameter configuration and OTA remote upgrade (optional)
- Maximum range ratio of 1:375 for residential models; supports meter-end/terminal tiered billing, prepaid/postpaid and online payment via WeChat and other channels, with optional real-time temperature/pressure correction

Series Specification

Parameter	G1.6	G2.5	G4	G4W	G6	G10	G16	G2
Maximum flow rate Qmax (m^3/h)	2.5	4	6	6	10	16	25	4
Minimum flow rate Qmin (m^3/h)	0.016	0.025	0.04	0.016	0.06	0.1	0.16	0.2
Maximum working pressure (kPa)	20	20	20	20	15	15	15	15
Connection thread	M30×2	M30×2	M30×2	M30×2	G1 1/4	G2	G2	G2
Overall dimensions A×B×C×D×E (mm)	130×174×51×201×130	130×174×51×201×130	130×174×51×201×130	130×174×51×201×130	180×223×90×271×215	250×235×90×357×215	280×276×126×404×274	335×276×13
Weight (kg)	1.3	1.3	1.3	1.3	3.3	3.7	5.3	5.

Standard Price	MOQ	Monthly Capacity	Lead Time
On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail

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Ultrasonic Gas Meter (Residential)

Residential Metering



Product appearance for reference

CORE PARAMETERS

Model & Size **G1.6/G2.5/G4**	Metering Principle **Ultrasonic transit-time (fully electronic)**
Max. Operating Pressure **50 kPa**	Accuracy Class **Class 1.5**
Operating Temperature **-25℃~+60℃**	Applicable Medium **Fuel gas (residential use)**
Connection Type **Threaded connection**	Protection & Explosion-proof **IP65; explosion-proof marking: Ex ia IIB T3 Ga**

PRODUCT FEATURES

- High metering accuracy: segmented flow-coefficient correction provides accuracy up to Class 1.0
- Low starting flow: detects very small gas flows, with starting flow as low as 0.003 m^3/h
- Wide range: accurate metering across 0.016~6 m^3/h
- Fully electronic metering: no mechanical wear, so metering accuracy does not degrade over long-term use
- Safer gas use: monitors micro-leakage, prolonged constant flow and abnormal high flow
- Built-in wireless communication module (LoRa/NB-IoT/Cat1) supporting remote monitoring, prepayment management and remote valve control; infrared/Bluetooth local maintenance; optional temperature/pressure compensation, pipeline pressure monitoring and linkage with external detectors

Series Specification

Parameter	G1.6	G2.5	G4
Nominal flow (m^3/h)	1.6	2.5	4.0
Maximum flow (m^3/h)	2.5	4.0	6.0
Minimum flow (m^3/h)	0.016	0.025	0.04
Accuracy class	Class 1.5	Class 1.5	Class 1.5
Total pressure loss (Pa)	≤250	≤250	≤250
Maximum working pressure (kPa)	50	50	50
Ingress protection	IP65	IP65	IP65
Explosion-proof marking	Ex ia IIB T3 Ga	Ex ia IIB T3 Ga	Ex ia IIB T3 Ga
Power supply	Dry-cell + lithium or dual lithium	Dry-cell + lithium or dual lithium	Dry-cell + lithium or dual lithium
Battery life	Dry-cell: ≥1 year; lithium: ≥10 years	Dry-cell: ≥1 year; lithium: ≥10 years	Dry-cell: ≥1 year; lithium: ≥10 years
Communication	Remote: LoRa/NB-IoT/Cat1; local: infrared/Bluetooth	Remote: LoRa/NB-IoT/Cat1; local: infrared/Bluetooth	Remote: LoRa/NB-IoT/Cat1; local: infrared/Bluetooth
Working temperature	-25℃~+60℃	-25℃~+60℃	-25℃~+60℃
Valve control	Local infrared/Bluetooth and remote control of the built-in valve	Local infrared/Bluetooth and remote control of the built-in valve	Local infrared/Bluetooth and remote control of the built-in valve
Overall dimensions (mm)	221×93×151	221×93×151	221×93×151
Remarks	Temperature/pressure compensation (optional); pipeline pressure monitoring (optional)	Temperature/pressure compensation (optional); pipeline pressure monitoring (optional)	Temperature/pressure compensation (optional); pipeline pressure monitoring (optional)

Standard Price	MOQ	Monthly Capacity	Lead Time
On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail

Power supply: dry-cell + lithium or dual lithium (dry-cell ≥1 year, lithium ≥10 years); overall dimensions 221×93×151 mm; temperature/pressure compensation and pipeline pressure monitoring are optional.

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Ultrasonic Gas Meter (Commercial)

Small Commercial Metering



Product appearance for reference

CORE PARAMETERS

Model & Size **G6/G10/G16/G25/G40**	Metering Principle **Ultrasonic transit-time (fully electronic)**
Max. Operating Pressure **50 kPa**	Accuracy Class **Class 1.5**
Operating Temperature **-25℃~+60℃**	Applicable Medium **Fuel gas (small industrial & commercial users)**
Connection Type **Threaded connection**	Protection & Explosion-proof **IP65; explosion-proof marking: Ex ia ⅡB T3 Ga**

PRODUCT FEATURES

- High metering accuracy: segmented flow-coefficient correction provides accuracy up to Class 1.0
- Low starting flow: detects very small gas flows, with starting flow as low as 0.008 m^3/h
- Wide range: accurate metering across the full measuring range
- Fully electronic metering: no mechanical wear, so metering accuracy does not degrade over long-term use
- Safer gas use: monitors micro-leakage, prolonged constant flow and abnormal high flow
- Built-in wireless communication module (LoRa/NB-IoT/Cat1) supporting remote monitoring, prepayment management and remote valve control; infrared/Bluetooth local maintenance; optional temperature/pressure compensation, pipeline pressure monitoring and linkage with external detectors

Series Specification

Parameter	G6	G10	G16	G25	G40
Nominal flow (m^3/h)	6	10	16	25	40
Maximum flow (m^3/h)	10	16	25	40	65
Minimum flow (m^3/h)	0.06	0.10	0.16	0.25	0.40
Accuracy class	Class 1.5	Class 1.5	Class 1.5	Class 1.5	Class 1.5
Total pressure loss (Pa)	≤250 (G6); ≤375 (G10 and above)	≤250 (G6); ≤375 (G10 and above)	≤250 (G6); ≤375 (G10 and above)	≤250 (G6); ≤375 (G10 and above)	≤250 (G6); ≤375 (G10 and above)
Maximum working pressure (kPa)	50	50	50	50	50
Ingress protection	IP65	IP65	IP65	IP65	IP65
Explosion-proof marking	Ex ia IIB T3 Ga	Ex ia IIB T3 Ga	Ex ia IIB T3 Ga	Ex ia IIB T3 Ga	Ex ia IIB T3 Ga
Power supply	Dry-cell + lithium or dual lithium	Dry-cell + lithium or dual lithium	Dry-cell + lithium or dual lithium	Dry-cell + lithium or dual lithium	Dry-cell + lithium or dual lithium
Battery life	Dry-cell: ≥1 year; lithium: ≥10 years	Dry-cell: ≥1 year; lithium: ≥10 years	Dry-cell: ≥1 year; lithium: ≥10 years	Dry-cell: ≥1 year; lithium: ≥10 years	Dry-cell: ≥1 year; lithium: ≥10 years
Communication	Remote: LoRa/NB-IoT/Cat1; local: infrared/Bluetooth	Remote: LoRa/NB-IoT/Cat1; local: infrared/Bluetooth	Remote: LoRa/NB-IoT/Cat1; local: infrared/Bluetooth	Remote: LoRa/NB-IoT/Cat1; local: infrared/Bluetooth	Remote: LoRa/NB-IoT/Cat1; local: infrared/Bluetooth
Working temperature	-25℃~+60℃	-25℃~+60℃	-25℃~+60℃	-25℃~+60℃	-25℃~+60℃
Valve control	Local infrared/Bluetooth and remote control of the built-in valve	Local infrared/Bluetooth and remote control of the built-in valve	Local infrared/Bluetooth and remote control of the built-in valve	Local infrared/Bluetooth and remote control of the built-in valve	Local infrared/Bluetooth and remote control of the built-in valve
Overall dimensions (mm)	G6~G25: 221×93×151	G6~G25: 221×93×151	G6~G25: 221×93×151	G6~G25: 221×93×151	G40: 470×310×275
Remarks	Temperature/pressure compensation (optional); pipeline pressure monitoring (optional)	Temperature/pressure compensation (optional); pipeline pressure monitoring (optional)	Temperature/pressure compensation (optional); pipeline pressure monitoring (optional)	Temperature/pressure compensation (optional); pipeline pressure monitoring (optional)	Temperature/pressure compensation (optional); pipeline pressure monitoring (optional)

Standard Price	MOQ	Monthly Capacity	Lead Time
On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail

Power supply: dry-cell + lithium or dual lithium (dry-cell ≥1 year, lithium ≥10 years); supports local (infrared/Bluetooth) and remote valve control; temperature/pressure compensation and pipeline pressure monitoring are optional.

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Smart Camera-Reading Gas Meter

Smart Retrofit for Conventional Meters



Product appearance for reference

CORE PARAMETERS

Model & Size **Suitable for base meters with nominal flow of G1.6~G40**	Metering Principle **Original mechanical diaphragm metering + camera image recognition (AI reading)**
Max. Operating Pressure **50 kPa**	Accuracy Class **Recognition accuracy ≥99.9% (metering accuracy follows the base meter)**
Operating Temperature **-20℃~+70℃**	Applicable Medium **Fuel gas**
Connection Type **Threaded connection**	Protection & Explosion-proof **IP65; explosion-proof marking: Ex ib ⅡB T3 Gb**

PRODUCT FEATURES

- Image recognition performed jointly at the meter end and in the system provides high recognition accuracy
- Original images can be retrieved and serve as evidence when readings are abnormal
- Low-power design with optional built-in lithium batteries of different capacities according to the service years required
- NB-IoT communication ensures convenient and reliable data transmission
- Modular design: the module mounts directly on the meter cover without disturbing the original counting mechanism, making retrofit of conventional meters simple

Series Specification

Parameter	Specification
Nominal flow	G1.6~G40 (compatible base-meter range; flow rating follows the base meter fitted)
Ingress protection	IP65
Recognition accuracy	≥99.9%
Temperature range	-20 ℃ ~ +70 ℃
Explosion-proof marking	Ex ib IIB T3 Gb

Standard Price	MOQ	Monthly Capacity	Lead Time
On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail

This product is a smart add-on solution for conventional diaphragm gas meters; metering performance follows the base meter fitted. The module communicates via NB-IoT and supports retrieval of original reading images.

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Gas Ultrasonic Flowmeter

Industrial Pipeline Metering



Product appearance for reference

CORE PARAMETERS

Model & Size **DN50/DN80/DN100**	Metering Principle **Ultrasonic transit-time method (ultrasonic gas metering)**
Max. Operating Pressure **Absolute pressure of measured medium ≤1.6 MPa**	Accuracy Class **Class 1.0**
Operating Temperature **-30℃~+60℃**	Applicable Medium **Natural gas and industrial gases (city gas, petroleum, chemical, metallurgy, etc.)**
Connection Type **Flange connection**	Protection & Explosion-proof **IP66; explosion-proof marking Ex ib ⅡB T4 Gb**

PRODUCT FEATURES

- High metering accuracy, low start-up flow and wide rangeability
- Built-in lightning and surge protection circuits for strong interference immunity and high reliability
- High-accuracy temperature sensor plus a pressure sensor with temperature-compensation calibration deliver precise and stable temperature/pressure measurement
- Low-power design supporting both internal and external power supply
- Supports RS485 interface (9600 bps by default; 1200/115200 optional) and can integrate an NB-IoT wireless module for remote meter reading, status monitoring, alarm notification and online recharge
- Large built-in storage periodically records gas consumption and keeps operation logs and alarm records in real time

Series Specification

Parameter	DN50	DN80	DN100
Measuring range (m^3/h)	0.5~300	1~500	2~700
Applicable standard	GB/T 3836.1-2021、GB/T 36242-2018、JJG 1030-2007	GB/T 3836.1-2021、GB/T 36242-2018、JJG 1030-2007	GB/T 3836.1-2021、GB/T 36242-2018、JJG 1030-2007
Accuracy class	Class 1.0	Class 1.0	Class 1.0
Absolute pressure of measured medium	≤1.6 MPa	≤1.6 MPa	≤1.6 MPa
Average power consumption	≤1.5 mW	≤1.5 mW	≤1.5 mW
Operating voltage	Built-in 3.6 V lithium battery (external 24 VDC supply optional)	Built-in 3.6 V lithium battery (external 24 VDC supply optional)	Built-in 3.6 V lithium battery (external 24 VDC supply optional)
Operating temperature	-30℃~+60℃	-30℃~+60℃	-30℃~+60℃
Operating humidity	≤95%RH (non-condensing)	≤95%RH (non-condensing)	≤95%RH (non-condensing)
Atmospheric pressure	70 kPa~110 kPa	70 kPa~110 kPa	70 kPa~110 kPa
RS485 communication	Baud rate 9600 by default (1200/115200 optional)	Baud rate 9600 by default (1200/115200 optional)	Baud rate 9600 by default (1200/115200 optional)
Explosion-proof marking	Ex ib IIB T4 Gb	Ex ib IIB T4 Gb	Ex ib IIB T4 Gb
Degree of protection	IP66	IP66	IP66

Standard Price	MOQ	Monthly Capacity	Lead Time
On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail

Average power consumption ≤1.5 mW; powered by a built-in 3.6 V lithium battery with optional external 24 VDC supply; supports RS485 wired networking and NB-IoT wireless networking.

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Household Combustible Gas Detector (Laser)

Smart Gas Safety Monitoring



Product appearance illustration

CORE PARAMETERS

Model & Size **JT-QJ500 series (laser-type sensor)**	Detection Object **Methane (CH_4), single-gas-source detection**
Range & Parameters **Detection range 0~100%LEL; alarm set point 10%LEL; alarm error ±3%LEL; response time ≤20 s**	Power Supply **AC220V/50Hz, power ≤5W**
Alarm & Output **Audible & visual alarm; can interlock with wireless/wired valve to automatically shut off the gas supply**	Operating Temperature **-10℃~+55℃**
Operating Humidity **≤95%RH (non-condensing)**	Communication **NB-IoT/4G remote communication; Bluetooth/SparkLink near-field communication; optional WeChat push, APP messages, SMS and cloud-platform alerts**
Protection & Explosion-proof	Applicable Standard **GB 15322.2-2019**

PRODUCT FEATURES

- Laser-type sensor precisely detects methane as a single gas source, offering strong interference immunity, fast response and a wide range
- Supports wireless/wired valve interlock to shut off the gas supply promptly
- Optional alert services including cloud platform, WeChat push, APP messages, SMS and voice call
- Sensor service life of up to 10 years for low maintenance frequency and low cost of use
- 4G/NB-IoT remote communication and Bluetooth/SparkLink near-field communication
- Integrates advanced electronics and refined industrial design — neat installation, simple operation and clear, easily recognizable alarm signals

Series Specification

Parameter	Value
Applicable standard	GB 15322.2-2019
Sensor type	Laser
Operating voltage	AC220V/50Hz
Power	≤5W
Detection gas	Methane (CH_4)
Detection range	0~100%LEL
Alarm set point	10%LEL

Parameter	Value
Alarm error	±3%LEL
Response time	≤20 s
Service life	10 years
Operating temperature	-10℃~+55℃
Operating humidity	≤95%RH (non-condensing)
Wireless communication	NB-IoT/4G, Bluetooth/SparkLink, etc.

Standard Price	MOQ	Monthly Capacity	Lead Time
On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail

Key technical specifications transcribed from the original product document; the original document for this household detector does not provide the degree of protection or explosion-protection data.

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Household Combustible Gas Detector (Semiconductor)

Smart Gas Safety Monitoring



Product appearance illustration

CORE PARAMETERS

Model & Size **JT-QJ100 series (semiconductor-type sensor, wall-/ceiling-mounted dual mode)**	Detection Object **Methane (CH_4)**
Range & Parameters **Detection range 0~20%LEL; alarm set point 8%LEL (configurable); alarm error ±3%LEL; response time ≤30 s**	Power Supply **AC220V/50Hz, power ≤5W**
Alarm & Output **Audible & visual alarm; 1 relay output, can be interlocked with a solenoid valve to shut off the gas supply**	Operating Temperature **-10℃~+55℃**
Operating Humidity **≤95%RH (non-condensing)**	Communication
Protection & Explosion-proof	Applicable Standard **GB 15322.2-2019**

PRODUCT FEATURES

- High-performance semiconductor sensor resists interference from volatile substances commonly found in kitchens for accurate detection and timely alarms
- Streamlined design supports both wall-mounted and ceiling-mounted installation, complementing modern home aesthetics
- Instant audible/visual alarm when leakage reaches the threshold; can interlock with a solenoid valve to cut off the gas supply quickly
- Equipped with 1 relay output for building a proactive safety system
- Core sensor under strict quality control with a design life of up to 5 years
- Install-and-use with no complicated commissioning; maintenance-free in daily use

Series Specification

Parameter	Value
Applicable standard	GB 15322.2-2019
Sensor type	Semiconductor
Operating voltage	AC220V/50Hz
Power	≤5W
Detection gas	Methane (CH_4)
Detection range	0~20%LEL

Parameter	Value
Alarm set point	8%LEL (configurable)
Alarm error	±3%LEL
Response time	≤30 s
Service life	≥5 years
Operating temperature	-10℃~+55℃
Operating humidity	≤95%RH (non-condensing)

Standard Price	MOQ	Monthly Capacity	Lead Time
On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail

Key technical specifications transcribed from the original product document; the original document does not provide remote communication, degree of protection or explosion-protection data.

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Industrial & Commercial Combustible Gas Detector

Industrial Gas Leak Monitoring



Product appearance illustration

CORE PARAMETERS

Model & Size
GT-QJ500 series (type: standalone / system)

Detection Object
Methane (CH_4), natural diffusion sampling, continuous monitoring

Range & Parameters
Measuring range 3~100%LEL; resolution 1%LEL; detection accuracy ±3%LEL; response time (T90) ≤30 s; alarm set points: low alarm 20%LEL, high alarm 50%LEL (user-configurable)

Power Supply
Standalone: AC220V; system type: DC24V

Alarm & Output
Audible/visual alarm and network alarm; 2 relay outputs (rating 220V/2A) for interlocking shut-off valves, fans, etc.

Operating Temperature
-40℃~+70℃

Operating Humidity
≤95%RH (non-condensing)

Communication
RS485 (standalone), NB-IoT/4G (system type); near-field infrared/Bluetooth; optional WeChat/APP/SMS/cloud-platform alert services

Protection & Explosion-proof
Degree of protection IP66; explosion-proof marking Ex db IIC T6 Gb; aluminum alloy housing; operating pressure 86~106 kPa

Applicable Standard

PRODUCT FEATURES

- Laser-type sensor for single-gas-source methane detection: strong interference immunity, fast response, long life, good stability and accurate measurement
- Modular sensor design for convenient installation and replacement
- 2 relay outputs for interlocking shut-off valves, fans and other equipment
- High-grade protection construction and temperature/humidity compensation algorithms ensure stable operation in harsh environments
- Industrial-grade digital display with remote-control operation for easy installation and commissioning
- Supports multiple optional communication modes with supporting services: safety cloud platform, WeChat push, APP messages, SMS and voice prompts

Series Specification

Parameter	Value
Sensor type	Laser
Detection gas	Methane (CH_4)
Measuring range	3~100%LEL
Resolution	1%LEL
Detection accuracy	±3%LEL
Alarm set points	Low alarm 20%LEL, high alarm 50%LEL (user-configurable)
Response time (T90)	≤30s
Sampling method	Natural diffusion
Operating mode	Continuous monitoring
Power supply	Standalone AC220V, system type DC24V
Output signal	2 relays, rating 220V/2A
Alarm mode	Audible/visual alarm, network alarm

Parameter	Value
Communication	RS485 (standalone), NB-IoT/4G (system type)
Near-field communication	Infrared/Bluetooth
Operating temperature	-40℃~+70℃
Operating humidity	≤95%RH (non-condensing)
Operating pressure	86kPa~106kPa
Degree of protection	IP66
Explosion-proof marking	Ex db IIC T6 Gb
Material	Aluminum alloy
Interface	3/4 female thread
Installation	Wall-mounted or ceiling-mounted fixed installation
Service life	≥5 years
Alarm sound pressure	270dB (1 m directly in front)

Standard Price	MOQ	Monthly Capacity	Lead Time
On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail

Key technical specifications transcribed from the original product document; the original document gives no applicable-standard number, so none has been fabricated.

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Low-Power Remote Terminal Unit (Valve-Control Prepaid)

Prepaid Management & Valve Control



Product appearance illustration

CORE PARAMETERS

Model & Size
RTU-301Q series (ball valve + controller + wireless communication module)

Detection Object
Prepaid management and control of flow meters for industrial & commercial use (reading, balance, valve status, communication status, battery level)

Range & Parameters
Acquisition/transmission parameters: data acquisition and upload frequency and timing are configurable; supports balance synchronization to stay consistent with the billing system; supports two prepaid management modes — center settlement and terminal settlement

Power Supply
Low-power supply from built-in battery (static current ≤40μA, operating current ≤500mA); power output DC5V/DC9V/DC12V/DC24V (controllable)

Alarm & Output
Valve open/close control (optional automatic deduction and valve shut-off on arrears with related information uploaded); valve actuation time ≤400 s

Operating Temperature
-20℃~+70℃

Operating Humidity

Communication
4G/NB-IoT remote data transmission; equipped with pulse and RS485 interfaces for connecting a variety of reading-acquisition sensors

Protection & Explosion-proof
Degree of protection IP65; explosion-proof marking Ex ib IB T4 Gb

Applicable Standard

PRODUCT FEATURES

- Integrated ball valve, controller and wireless communication module, with a medium-pressure ball valve and no pressure loss
- Pulse and RS485 interfaces allow quick connection of various types of reading-acquisition sensors
- Data acquisition/upload frequency and timing are configurable
- Uses 4G/NB-IoT for remote data transmission
- Supports balance synchronization to keep consistent with the billing system; optional automatic deduction, valve shut-off on arrears and upload of related information
- Supports two prepaid management modes — center settlement and terminal settlement; user-friendly human-machine interface for querying reading, balance, valve status, communication status and battery level

Series Specification

Parameter	Value
Max valve working pressure	≤800kPa
Power output	DC5V, DC9V, DC12V, DC24V (controllable)
Operating temperature	-20℃~+70℃
Operating current	≤500mA
Static current	≤40μA
Valve actuation time	≤400 s
Degree of protection	IP65
Explosion-proof marking	Ex ib IB T4 Gb

Standard Price	MOQ	Monthly Capacity	Lead Time
On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail

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Low-Power Remote Terminal Unit (Data Acquisition)

Remote Data Acquisition & Control



Product appearance illustration

CORE PARAMETERS

Model & Size **RTU-302E series (data acquisition terminal)**	Detection Object **Data of on-site instruments and meters (flow, temperature, pressure, etc.) and equipment operating status**
Range & Parameters **Acquisition/transmission parameters: periodically collects meter data and uploads it to the management center; data acquisition and upload cycles are configurable; real-time data storage with data permanently retained even in the power-off state**	Power Supply **Powered by built-in DC7.2V battery (static current ≤40μA, operating current ≤500mA); power output DC5V/DC9V/DC12V/DC24V (controllable)**
Alarm & Output **Receives and executes control commands from the management center; monitors equipment operating status and uploads abnormality alarms in real time**	Operating Temperature **-20℃~+70℃**
Operating Humidity	Communication **RS485, RS422 and RS232 communication interfaces; 4G/NB-IoT remote transmission; supports multiple standard protocols and user-defined protocols**
Protection & Explosion-proof **Degree of protection IP66; explosion-proof marking Ex ib IIB T4 Gb**	Applicable Standard

PRODUCT FEATURES

- Periodically collects meter data and uploads it to the management center
- Data acquisition and upload cycles are configurable
- Real-time data storage; data is permanently retained even in the power-off state
- RS485, RS422 and RS232 communication interfaces allow easy connection of various instruments and meters
- Supports multiple standard protocols and user-defined protocols
- Monitors equipment operating status and uploads abnormality alarms in real time

Series Specification

Parameter	Value
Operating voltage	DC7.2V
Communication interface	RS485, RS422, RS232
Power output	DC5V, DC9V, DC12V, DC24V (controllable)
Operating current	≤500mA
Static current	≤40μA
Operating temperature	-20℃~+70℃
Degree of protection	IP66
Explosion-proof marking	Ex ib IIB T4 Gb

Standard Price	MOQ	Monthly Capacity	Lead Time
On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail

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TRZ2 Turbine Gas Meter

Custody Transfer Metering



Product appearance illustration

CORE PARAMETERS

Model & Size
TRZ2 turbine gas meter: G100~G1600, 12 ratings in total; sizes DN50~200 (the technical data table lists DN80~200; DN50/2" is the version without a flow straightener)

Metering Principle
Turbine type: the gas flow drives the turbine impeller, whose speed is proportional to the volume passing through; an 8-digit mechanical roller counter is driven via reduction gearing and magnetic coupling

Max. Operating Pressure
Nominal pressure PN10/16 (PN25/40/64/100 and ANSI 150/300/600 available as series options)

Accuracy Class
Class 1.0 (EN 12261: ±1.0%@0.2Qmax~Qmax, ±2.0%@Qmin~0.2Qmax)

Operating Temperature
Medium -10℃~+55℃; housing (GGG-40) -10℃~+60℃

Applicable Medium
Natural gas, petroleum gas, town gas, nitrogen, argon and other gases (on request)

Connection Type
Flanged connection; installation length 3 DN (compact installation, inlet pipe run ≥2 DN)

Protection & Explosion-proof
Counter protection IP67 (register rotatable through 350°); designed and manufactured to the EC 94/9/EC (ATEX) explosion-protection directive

PRODUCT FEATURES

- Cartridge-type construction allows complete on-site replacement of the measuring cartridge to shorten gas-off time during maintenance; the cartridge is supported stress-free on O-rings, unaffected by housing deformation or ambient temperature fluctuations
- The turbine impeller runs on a shaft with large ball bearings and drives the mechanical counter inside the unpressurized register housing through a magnetic coupling — a reliable design with few friction points
- Optional S1 counter with absolute encoder: readings are captured by optical scanning and transmitted via an electronic interface (e.g. EK260/EK280 volume corrector) with no external power supply; PTB-certified, with NAMUR/M-Bus/SCR interfaces; can also serve as the main counter
- Standard manual oil pump (PN10~16 models) for lubrication; optional built-in thermometer pocket to facilitate use together with temperature/pressure correction equipment
- A patented flow straightener at the inlet eliminates flow disturbances such as swirl and asymmetric flow while increasing impeller driving torque, maintaining high accuracy within the permissible error limits even at low flow rates
- Remote transmission: standard low-frequency Reed pulse output (plug-in IN-S1x pulse generator, max. frequency 0.5 Hz) transmits the actual volume signal to a volume corrector; optional high-frequency pulse generator (inductive, up to 4 channels per meter) and tamper-monitoring switch (PCM)
- Housing of GGG-40 ductile iron or steel, fire-safe (HTB); designed, manufactured and tested to EC 71/318 or MID (2004/22/EC), PED (97/23/EC), ATEX (94/9/EC) and EN 12261

Series Specification

Parameter	DN80 · G100	DN80 · G160	DN80 · G250	DN100 · G160	DN100 · G250	DN100 · G400	DN150 · G250	DN150 · G400	DN150 · G650	DN150 · G1000	DN200 · G1000	DN200 · G1600
Measuring range Qmin (m^3/h)	8	13	20	13	20	32	20	32	50	80	80	130
Maximum flow rate Qmax (m^3/h)	160	250	400	250	400	650	400	650	1000	1600	1600	2500
Pressure loss Δp@Qmax (mbar)	2	5	12	2	5	13	1	2	6	15	0.1	0.2
Overall dimension A (mm)	215	215	215	273	273	273	356	356	356	356	420	420
Overall dimension B (mm)	172	172	172	185	185	185	210	210	210	210	170	170
Overall dimension C (mm)	240	240	240	300	300	300	450	450	450	450	600	600
Overall dimension D (mm)	100	100	100	120	120	120	180	180	180	180	255	255
Overall dimension E (mm)	157	157	157	170	170	170	193	193	193	193	300	300
Overall dimension F (mm)	200	200	200	210	210	210	235	235	235	235	405	405
Weight (kg) GGG·PN10/16·ANSI150	21	21	21	29	29	29	53	53	53			
LF pulse equivalent E1·Reed (imp/m^3)	1	1	1	1	1	1	1	1	1	0.1	0.1	0.1
HF pulse equivalent A1R·inductive (imp/m^3)	10500	10500	10500	6630	6630	6630	6630	2560	2560	2560	1764	1764
HF pulse equivalent A1S·inductive (imp/m^3)	21000	21000	21000	13260	13260	13260	-	5120	5120	5120	1764	1764

Values in 「medium temperature -10~+55 ℃, housing temperature (GGG-40) -10~+60 ℃, pressure ratings PN10/16/25/40/64/100 and ANSI 150/300/600」 are single values from merged cells covering the whole source table; they apply to all sizes and are therefore not repeated column by column. Δp is the pressure loss of natural gas at 1 bar absolute pressure. The weight column is for GGG-40 housing with PN10/16/ANSI150 flanges; for the last three columns (DN150·G1000, DN200·G1000, DN200·G1600) the digits overlap illegibly in the source PDF and are left blank rather than guessed. E1 is the low-frequency Reed-switch pulse, A1R/A1S are inductive high-frequency pulses, and "-" denotes not applicable as marked in the source table. The series covers a flow range of 8~2500 m^3/h, corresponding to the Qmin lower limit of 8 and Qmax upper limit of 2500 across ratings. The source catalogue also notes that minor deviations are possible.

Standard Price	MOQ	Monthly Capacity	Lead Time
On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail

Key technical specifications transcribed from the original product catalogue; for custody-transfer use, temperature/pressure volume correction is recommended — the original catalogue offers a thermometer pocket and volume-corrector interface as options.

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RABO Rotary Gas Meter

High Rangeability Metering



Product appearance illustration

CORE PARAMETERS

Model & Size
RABO rotary gas meter: G16~G250; sizes DN32~100 (the specification table lists DN32/40/50/80/100, 17 ratings in total)

Metering Principle
Rotary (roots) positive-displacement volumetric metering: two rotors engage via synchronized gears and rotate without contact, delivering a fixed cyclic volume

Max. Operating Pressure
Max. 20 bar; nominal pressure PN10/16 and ASME B16.5 Class 150

Accuracy Class
Metering accuracy class AC 1.0; error limits to EN 12480 (±1.0% Qt~Qmax, ±2.0% Qmin~Qt); repeatability <0.1%

Operating Temperature
Gas/ambient -25℃~+70℃; storage -40℃~+70℃

Applicable Medium
Natural gas and various filtered non-corrosive gases

Connection Type
Flanged connection (PN16 or ASME B16.5 Class 150; bolt holes per size; DN32~100 connection dimensions as given in the specification table)

Protection & Explosion-proof
Counter protection IP67 (suitable for outdoor installation); ATEX zone 1 explosion protection (Ex-zone 1)

PRODUCT FEATURES

- Rotary (roots) positive-displacement volumetric metering principle — accuracy is unaffected by installation conditions and the meter can be installed compactly without inlet pipe runs
- Maximum rangeability of 1:160 per meter; the whole series covers flows of 0.6~400 m^3/h across G16~G250 and DN32~100, maintaining high accuracy at low and irregular flow rates
- Remote transmission: standard HF/LF pulse outputs (2 low-frequency E1 Reed pulses via pluggable IN-S1x modules, which can be added or replaced at any time); optional NAMUR high-frequency pulse A1K and Wiegand low-frequency pulse IN-W11 for transmission to volume-correction and data-acquisition equipment; the standard S1V 8-digit mechanical counter (IP67) can serve as the main counter
- Standard S1V mechanical counter: 8-digit reading, IP67 protection (suitable for outdoor installation), register rotatable through 350°; horizontal or vertical installation; optional S1 45° angled reading register at no extra charge
- Standard PCM contact monitors external magnetic-field interference; counting transmission is sealed via magnetic coupling; housing of aluminum alloy or ductile cast iron; maintenance interval of up to 5 years
- Optional S1D dual counter with absolute encoder and MI-2D dual counter for electronic remote reading via NAMUR/SCR+/M-Bus and other interfaces; certified to MID (PTB), PED (DVGW) and ATEX, meeting Chinese metrology management requirements (as stated in the original catalogue)

Series Specification

Parameter	Maximum flow rate Qmax (m^3/h)	Minimum flow rate Qmin·1:160 (m^3/h)	Qmin·1:130 (m^3/h)	Qmin·1:100 (m^3/h)	Qmin·1:80 (m^3/h)	Qmin·1:65 (m^3/h)	Qmin·1:50 (m^3/h)	Qmin·1:30 (m^3/h)	Qmin·1:20 (m^3/h)	Cyclic volume V (dm^3)	Low-frequency pulse NF (imp/m^3)	High-frequency pulse HF (imp/m^3)	HF frequency@Qmax (Hz)	Δp@Qmax·air (mbar)	Δp@Qmax·natural gas (mbar)
DN32 · G16	25	-	-	-	-	-	-	0.8	1.3	0.87	10	11460	80	0.9	0.6
DN32 · G25	40	-	-	-	-	0.6	0.8	1.3	2	0.87	10	11460	127	2.3	1.5
DN32 · G40	65	-	-	0.6	0.8	1	1.3	2	3	0.87	10	11460	207	5.9	3.8
DN32 · G65	100	0.6	0.8	1	1.3	1.6	2	3	5	0.87	10	11460	318	14.1	9.1
DN40 · G16	25	-	-	-	-	-	-	0.8	1.3	0.87	10	11460	80	0.3	0.2
DN40 · G25	40	-	-	-	-	0.6	0.8	1.3	2	0.87	10	11460	127	0.9	0.6
DN40 · G40	65	-	-	0.6	0.8	1	1.3	2	3	0.87	10	11460	207	2.3	1.5
DN40 · G65	100	0.6	0.8	1	1.3	1.6	2	3	5	0.87	10	11460	318	5.4	3.5
DN50 · G16	25	-	-	-	-	-	-	0.8	1.3	0.87	10	11460	80	0.2	0.1
DN50 · G25	40	-	-	-	-	0.6	0.8	1.3	2	0.87	10	11460	127	0.4	0.3
DN50 · G40	65	-	-	0.6	0.8	1	1.3	2	3	0.87	10	11460	207	1.0	0.6
DN50 · G65	100	0.6	0.8	1	1.3	1.6	2	3	5	0.87	10	11460	318	2.3	1.5
DN80 · G100	160	1	1.3	1.6	2	2.5	3	5	8	1.61	1	6210	276	2.4	1.5
DN80 · G160	250	1.6	2	2.5	3	4	5	8	13	2.99	1	3276	228	2.0	1.3
DN80 · G250	400	2.5	3	4	5	6	8	13	20	3.7	1	2653	295	3.8	2.4
DN100 · G160	250	1.6	2	2.5	3	4	5	8	13	2.99	1	3276	228	1.8	1.2
DN100 · G250	400	2.5	3	4	5	6	8	13	20	3.7	1	2653	295	4.3	2.8

Qmin listed per rangeability step; Δp typical at Qmax; HF pulse at Qmax; counter IP67; accuracy class AC 1.0.

Standard Price	MOQ	Monthly Capacity	Lead Time
On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail	On request · Final quotation to prevail

Key specifications per the original catalogue; Δp values are typical; for custody transfer, pairing with an electronic volume corrector is recommended.

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