

ROTARY GAS METER



SIL



DESCRIPTION

Gas roots flow meter is a positive displacement, rotary type gas meter designed for continuously measuring and indicating the accurate measurement of gas in a pipeline.

FEATURES

- Using advanced microcomputer technology and high-performance integrated chips
- Powerful in function and superior in performance
- Circuit adopt surface installation process, strong anti-interference capability
- Anti-dismantle and compact in structure design
- Adopt advanced micro power technology, low energy consumption, dual power available
- Running for more than five years with built-in battery
- Real-time data storage function
- With fault self-diagnosis and alarm function

APPLICATIONS

- Gas pressure regulation station
- Civil boiler
- Propane
- Nitrogen
- Any non-corrosive gas medium

ROTARY GAS METER



TECHNICAL DATA

DIAMETER	DN25 - Thread DN40 - DN100: Flange
ACCURACY	±1.5%R (±1%R)
MATERIAL	Body: Cast Aluminum Rotor: Aluminum Alloy Converter: Cast Aluminum
MEDIUM TEMPERATURE	-20°C - + 80°C
AMBIENT TEMPERATURE	-20°C - + 60°C
HUMIDITY	5% ~ 90%
PRESSURE	86 - 106Kpa
POWER SUPPLY	A: External DC 24V, ±15%, 4-20mA, pulse, RS485 B: Internal 3.6 V DC lithium battery
POWER CONSUMPTION	External: <2.4W Internal: <2mW
OUTPUT	Pulse ; 4-20mA; IC card; alarm
COMMUNICATION	RS485
STORAGE	Month; day; hour;
EXPLOSION PROOF	ExiallCT4 Ga
PROTECTION	IP65

FLOW RANGE

Nominal Diameter	LLQ Size	Qmax (m³/h)	Qmin (m³/h)	Pressure (Mpa)	Pressure Loss (pa)	Connection	Accuracy	Flow Ratio	Material
DN25	LLQ-16	16	0.26	1.6	300	Flange/Thread	±1.5%	60:1	Aluminum Alloy
	LLQ-25	25	0.42	1.6	300	Flange/Thread	±1.5%	60:1	
DN40	LLQ-40	40	0.4	1.6	110	Flange	±1.5%	100:1	
	LLQ-65	65	0.65	1.6	100	Flange	±1.5%	100:1	
DN50	LLQ-65	65	0.65	1.6	100	Flange	±1.5%	100:1	
	LLQ-110	110	0.92	1.6	145	Flange	±1.5%	120:1	
DN80	LLQ-240	240	3	1.6	320	Flange	±1.5%	80:1	
DN100	LLQ-240	240	3	1.6	350	Flange	±1.5%	80:1	
	LLQ-450	450	3.75	1.6	545	Flange	±1.5%	120:1	

Note: ±1% of Accuracy can be made as customization, inquiry it please .



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