

The GFR uses LoRa communication, the LoRaWAN communication protocol is available. The advantage of the communication protocol is that it can transmit information at very low frequencies at low complexity and cost. It is an ultra-remote, low-power, high-availability, and low-cost communication technology that can be used in different regions.

GFR adopts the ultrasonic transit-time measurement principle, combined with the patented flow algorithm technology, it realizes accurate measurement of the fluid flow in the pipe. The product is all-in-one and clip-on structure design, which is simple and convenient to install. Only four steps are needed all along. The installation process requires no contact with fluid media and no need to shut down the flow. Online

Product Features

- Easy installation, no pipe damaging
- No adjustment, clip on to measure
- LCD color display
- 360°rotation adjustable display screen
- No wiring
- Long transmission distance
- Low power dissipation
- Strong anti-interference ability
- LoRaWAN communication protocol is available

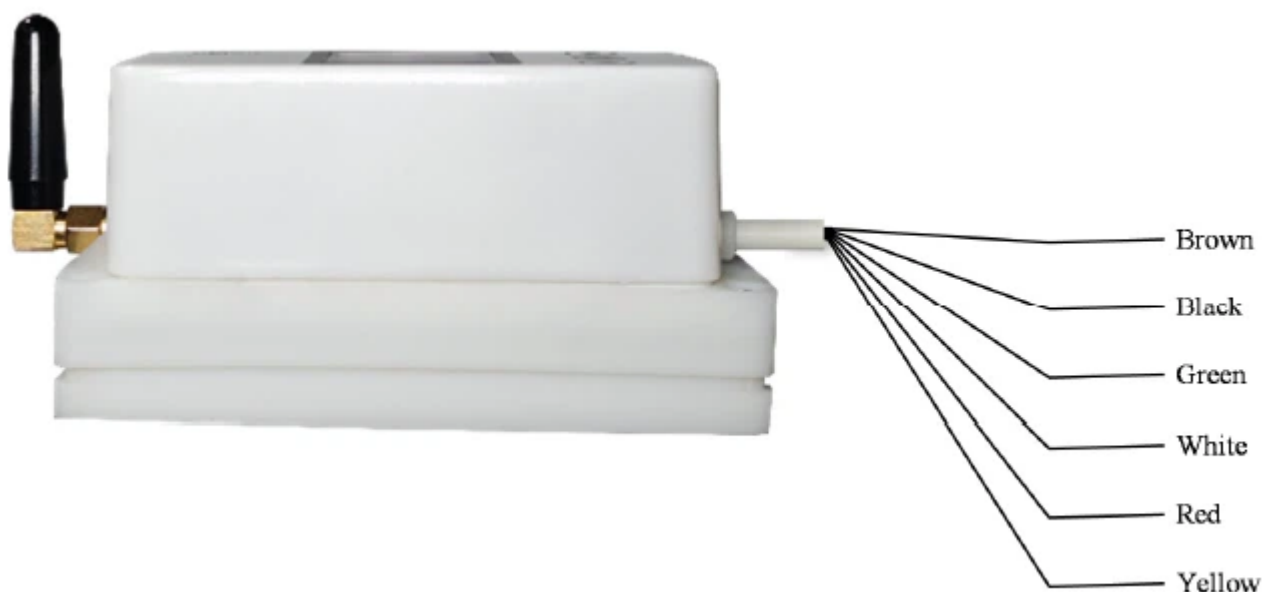
SPECIFICATIONS

Performance specifications	
Flow range	0.03m/s ~5.0m/s
Accuracy	±2.0%, (0.3m/s ~5m/s)
Repeatability	0.4%
Pipe Size	DN15, DN20, DN25, DN32, DN40, DN50
Function specifications	
Communication interface	RS485, FUJI or MODBUS Protocol
LoRa Communication	Maximum Transmit Power: 22dBm Temperature: -40°C~85°C

	LoRaWAN communication protocol is available
LoRa Frequency selection	EU868 Frequency: 863000000~865400000, unit Hz
	US915 Frequency: 902300000~914900000, unit Hz
	CN779 Frequency: 780100000~786500000, unit Hz
	EU433 Frequency: 433775000~434665000, unit Hz
	AU915 Frequency: 915200000~927800000, unit Hz
	CN470 Frequency: 470300000~489300000, unit Hz
	AS923(HK) Frequency: 920000000~925000000, unit Hz
Power Supply	10~36VDC
Keypad	3 touch keys
Display Screen	1.54"LCD color display, resolution 240*240
Temperature	Transmitter: 14°F to 122°F (-10°C ~ 50°C) Transducer: 32°F to 140°F (0°C ~ 60°C)
Humidity	Relative humidity 0~99%, No condensation
IP	IP54
Physical specifications	
Transmitter	All-in-one
Transducer	Clamp on
Cable	φ5 Six-core cable, standard length: 2m

Online

WIRING DIAGRAM



Function	Identifier	Color
Power Supply	+	Brown

(10~36VDC)	-	Black
RS485	A	Green
	B	White
None	+	Red
	-	Yellow

APPLICATIONS

Equipment Matching: In equipment matching, MFCL flow meters are typically used to measure and monitor the flow rate of liquids or gases within a system. By accurately measuring flow rates, flow meters can help ensure that equipment operates within the appropriate flow range, thereby enhancing system efficiency and performance.

Healthcare : The application of MFCL flow meters in the healthcare sector helps ensure the precise delivery of medications and gases, maintain the proper functioning of equipment, and enhance the effectiveness and safety of treatments.

Online

Aquaculture: Through the application of MFCL flow meters, the aquaculture industry is able to more effectively manage water quality, feed delivery, and oxygen supply, thereby improving farming efficiency and ensuring the stable operation of aquaculture systems.

Agriculture: Through the application of MFCL flow meters, agricultural production can more precisely manage water resources, fertilizer, and pesticide inputs, enhancing production efficiency and achieving sustainable development....

ABOUT SHIPPING



ABOUT US

Gentos Measurement & Control Co, Ltd. was established in 1993.

We focus on different types of ultrasonic flow meters almost 30 years.

We have our own factory to make exquisite appearance & optimal products.

We have 10 to 20 engineering employees to be working on research & development.

All our products are designed and manufactured by ourselves.

Each department works together to provide best service for our customers as well.

CERTIFICATE



CE Certificate



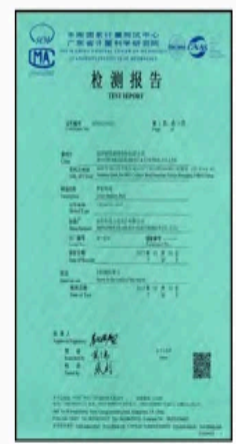
ISO14001:2015



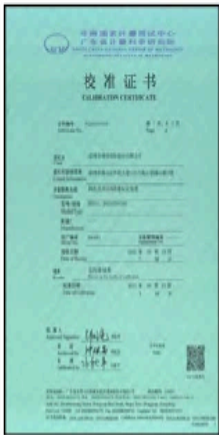
MSDS Report



ISO9001:2015



TEST REPORT OF LITHIUM BATTERY PACK



Calibration Certificate



Explosion Protection Certificate of Conformity



EU Type Examination Certificate



IECEx Certificate of Conformity



Measuring Instrument Approval Certificate of P.R.C

Online

FAQ:

Q1: Do you have stock?

A2: Yes, we have safety inventory. We have a complete production line to meet bulk orders

Q2: How to ensure the quality of your products, will the finished product be inspected?

A2: Yes, every step of production and finished product must be strictly checked by QC before shipment.

Q3: How long is your delivery time?

A3: Lead time about 1-3 days after payment (you can get it in 5-7 days to your door).

Q4: Can you give us a discount?

A4: We can of course talk to specific numbers, but let's make sure we're on the same page about this solution being a good fit for your needs.

Q5: Are you a FACTORY or TRADING COMPANY?

A5: Yes,we are a manufacturer with designing, manufacturing, marketing and exporting.

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