

MARINE FLOW METER

LTD Series General Electron Flowmeter

General LTD Series General Electron Flowmeter (hereafter call flowmeter), is a precise flowmeter to measure the flow of liquid in the tube. This flowmeter is a patent right product, which is independently researched a...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Marine Flow Meter
Standard	EN
Material	When wheel running, the magnetic stainless slice of wheel will approach ...
Weight / Size	It has the characteristic of high accuracy, compact size, wide flow rang...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications			
Category	Marine Flow Meter	Model / SKU	LTD-Series-General-Electron-Flowmeter
Standard	EN	Material	When wheel running, the magnetic stainless slice of wheel will approach the loop of sensor and periodically change resistance of loop to result the emerge of impulse signal which is direct proportional with volume at the moment through the change of amount of loop's magnetism.
Weight / Size	It has the characteristic of high accuracy, compact size, wide flow range, strong anti-jammed, sands proof, anti- jamming, high-temperature, resistance, anti-corrosive, low power consumer, local LCD display, far transmit etc.	Surface	It is widely used in petroleum, chemistry, metallurgy, light industry, especially applied in measurement of watery oil in oil field and measurement of low-viscosity sewage, finished oil and edible oil.
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	Warranty	12 Months unless specified otherwise
Origin	China		

CONTENTS	■ General	■ Feature
	■ Principle	■ Specifications

General

LTD Series General Electron Flowmeter (hereafter call flowmeter), is a precise flowmeter to measure the flow of liquid in the tube. This flowmeter is a patent right product, which is independently researched and developed by the technicians in our company based on innovation and improvement of foreign latest advanced technology. It has the characteristic of high accuracy, compact size, wide flow range, strong anti-jammed, sands proof, anti- jamming, high-temperature, resistance, anti-corrosive, low power consumer, local LCD display, far transmit etc. It is widely used in petroleum, chemistry, metallurgy, light industry, especially applied in measurement of watery oil in oil field and measurement of low-viscosity sewage, finished oil and edible oil. The flowmeter is composed of four parts: body, core, sensor and meter head. The core is easily taken out from body, which is very convenient for the periodical maintenance. Applied with advanced electron technology and particular design, it remains high stability and anti-disturbance. It can be applied in explosion situation with the anti- explosion grade of ExdII BT4. For local display, this flowmeter is charged by inner lithium battery, which can continuously work for three years at least.

Feature

1. High Accuracy, Large Turndown Ratio
2. Anti-High Temperature and Erosion-proof
3. Anti-impurity
4. Well Interchange

- 5.Local instant flow and total flow LCD display, distant signal transmission;
- 6.Measurable medium: Water, waste water, low viscosity oil, etc.

Principle

When the liquid flows through the flowmeter, it pushes the wheel running. Within a certain flow range, the circling speed of wheel is direct proportional to the volume of the flow. When wheel running, the magnetic stainless slice of wheel will approach the loop of sensor and periodically change resistance of loop to result the emerge of impulse signal which is direct proportional with volume at the moment through the change of amount of loop's magnetism. This signal, after analyzed and amplified, will display instant and total flow separately.

Specifications

Fluid Temp	-40°C~+80°C, 0°C~+150°C, 0°C~+300°C;
Working pressure	1.6, 2.5, 4.0, 6.3, 16, 25, 32, 42(MPa)
Pressure Loss	For DN8~DN50 <0.01MPa;For DN80~DN300 <0.03MPa
Anti-explosion Grade	ExdBT4
Output Signal	4~20mA Current Output or RS485
Enclosure	IP65
Material	Cast steel for housing