



EXIMIO TECHNOLOGIES®

Provide Entire Solution

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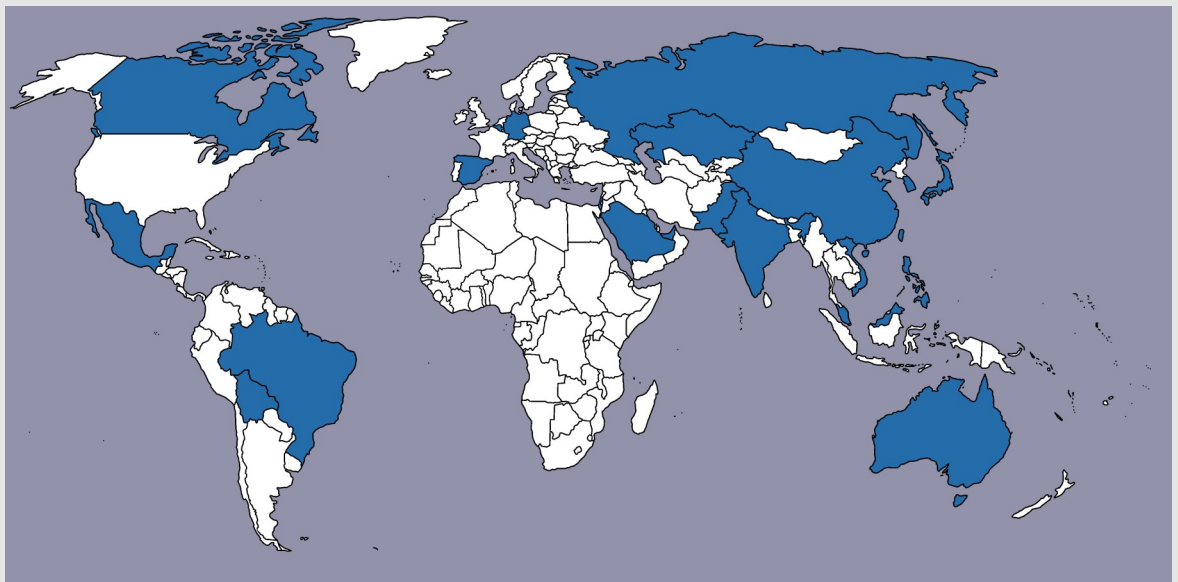
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About EXIMIO TECHNOLOGIES®

EXIMIO TECHNOLOGIES® is an expert in designing and manufacturing electromagnetic and turbine flow instruments. Our products help customers to achieve operational improvement through effective resource usage, reduction of wastes, and energy saving. We are committed to produce high quality products, excellent service, reasonable price and broad customization.

Our goal is to **PROVIDE ENTIRE SOLUTION.**

Eximio Technologies supplies products to the following countries:



Australia, Belgium, Bolivia, Brazil, Canada, China, Germany, India, Israel, Japan, Kazakhstan, Malaysia, Mexico, Pakistan, Saudi Arabia, Singapore, South Korea, Spain, Philippines, Russia, the UAE, Vietnam.



EXIMIO® Products Range

ELECTROMAGNETIC FLOWMETERS



MAG1000



MAG2000



MAG3000



MAG4000



MAG4000A



MAG5000



MAG6000



MAG7000



MAG8000



MAG9000

CONVERTERS



MT100



MT200



MT300



MT400

EXIMIO® Products Range

TURBINE FLOWMETERS



TB1000



TB2000



TB3000



TB4000

CONVERTERS



TB100



TB200



ELECTROMAGNETIC FLOWMETERS



Electromagnetic Flow Meters

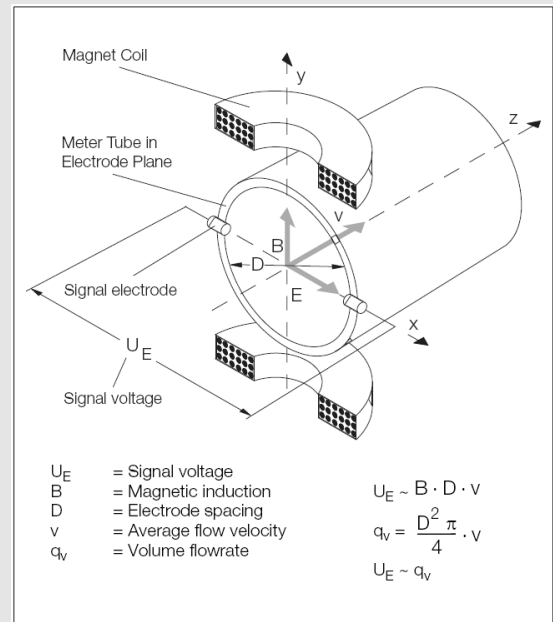
EXM-DC Series

PROFILE

EXM-DC series electromagnetic flow meters follow the Faraday law of electromagnetic induction. They can be used to accurately measure the flow rate of liquids which are electrical conducting, caustic, and mixed with liquids and solids. They are widely used throughout industries of petroleum, chemical engineering, pharmacology, papermaking, electric power, environmental protection, etc.

FEATURES

- No Moving Parts, Virtually No Pressure Loss;
- Corrosion protection, abrasion resistant;
- High accuracy, Stable performance;
- High level of anti-vibration and anti-jamming, wide measuring dimensions.
- Multi-Output Interface: 4~20mA, Pulse, Alarm Outputs, RS-485 and Modbus Communication.



STRUCTURE

EXM-DC series electromagnetic flow meters are made up of sensor and transducer, together with LCD screen, current and pulse output, alarm signal and RS-485 communication

OPERATING PRINCIPLE

Faraday's Law of Induction forms the basis for the electromagnetic flow meters. It states that a voltage is induced in a conductor as it moves through a magnetic field.

This principle is applied to a conductive fluid which flows through a magnetic field generated perpendicular to the flow direction (see Schematic).

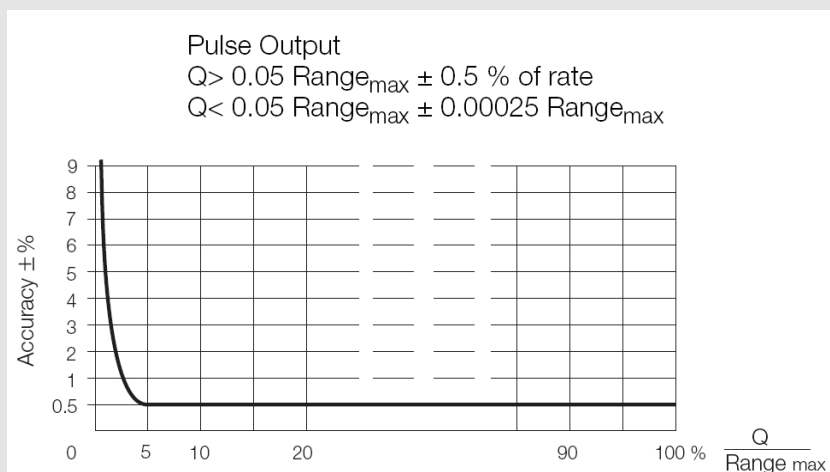
The voltage induced in the fluid is measured at two electrodes, installed diametrically opposite. This signal voltage U_E is proportional to the magnetic induction B , the electrode spacing D and the average flow velocity v . Noting that the magnetic induction B and the electrode spacing D are constants, a proportionality exists between the signal voltage U_E and the average flow velocity v . The equation for the volume flow shows that the signal voltage U_E is linear and proportional to the volume flow rate. The induced signal voltage is processed in the converter into scaled, analog and digital signals.

Electromagnetic Flow Meters

EXM-DC Series

SPECIFICATIONS

- **Nominal Meter Size**
10 to 1000mm (3/8 to 40 inch)
- **Liquid Pressure (MPa)**
1.0, 1.6, 2.5, 4.0, 16, 25
- **Accuracy**
 $\pm 0.5\%$, $\pm 1\%$ (upon req.)
- **Minimum Conductivity**
 $> 5\mu\text{s/cm}$
- **Electrode Material**
SST 316L (standard), Hastelloy, Tantalum, titanium, Tungsten Carbide (upon req.)
- **Fluid Temperature**
-25 to 65°C (-13 to 149°C)
-25 to 140°C (-13 to 284°C) (opt.)
- **Liner**
PO, PTFE, PFA
- **Relative Humidity**
 $\leq 85\%$
- **Ambient Temperature**
-30 to 60°C (-22 to 140°C)
- **Analog Output Effects**
Same as pulse output plus $\pm 0.1\%$ of rate
 $\pm 0.01\text{mA}$
- **Current Output**
0 to 10mA or 4 to 20mA
- **Frequency Output**
0 to 5000Hz with photoelectric isolation
- **Pulse Output**
Adjustable from 0.001 to 1000 Ltr/Pulse
- **Alarm Output**
Upper Alarm-ALMH, Lower Alarm-ALML with photoelectric isolation
Upper Alarm-ALMH, Lower Alarm-ALML with photoelectric isolation
- **Communications**
RS-232 without galvanic isolation
RS-485 with galvanic isolation, MOD-BUS.
- **Supply Power**
100 to 240VAC
20 to 36VDC
Lithium Battery
- **Power**
 $S < 10\text{W/AC}$, $S < 7.5\text{W/DC}$



Electromagnetic Flow Meters

EXM-DC Series

FLOW RANGES AND METER SIZES

Meter Size		Min Flow Range Flow Velocity						Max Flow Range Flow Velocity							
DN		0 to 0.5 m/s			0 to 1.64 ft/s			0 to 10 m/s			0 to 32.81 ft/s				
mm	inch	m3/h, m3/h			gpm			m3/h, m3/h			gpm				
10	3/8	0	to	2	l/min	0	to	0.52	0	to	40	l/min	0	to	11.88
15	1/2	0	to	5	l/min	0	to	1.32	0	to	100	l/min	0	to	26.41
20	3/4	0	to	7.5	l/min	0	to	1.98	0	to	150	l/min	0	to	39.62
25	1	0	to	10	l/min	0	to	2.64	0	to	200	l/min	0	to	52.83
32	1 1/4	0	to	20	l/min	0	to	5.28	0	to	400	l/min	0	to	105.66
40	1 1/2	0	to	30	l/min	0	to	7.92	0	to	600	l/min	0	to	158.50
50	2	0	to	3	m3/h	0	to	13	0	to	60	m3/h	0	to	264
65	2 1/2	0	to	6	m3/h	0	to	26	0	to	120	m3/h	0	to	528
80	3	0	to	9	m3/h	0	to	39	0	to	180	m3/h	0	to	792
100	4	0	to	12	m3/h	0	to	52	0	to	240	m3/h	0	to	1056
125	5	0	to	21	m3/h	0	to	92	0	to	420	m3/h	0	to	1849
150	6	0	to	30	m3/h	0	to	132	0	to	600	m3/h	0	to	2641
200	8	0	to	54	m3/h	0	to	237	0	to	1080	m3/h	0	to	4755
250	10	0	to	90	m3/h	0	to	396	0	to	1800	m3/h	0	to	7925
300	12	0	to	120	m3/h	0	to	528	0	to	2400	m3/h	0	to	10566
350	14	0	to	165	m3/h	0	to	726	0	to	3300	m3/h	0	to	14529
400	16	0	to	225	m3/h	0	to	990	0	to	4500	m3/h	0	to	19812
450	18	0	to	300	m3/h	0	to	1320	0	to	6000	m3/h	0	to	26417
500	20	0	to	330	m3/h	0	to	1452	0	to	6600	m3/h	0	to	29058
600	24	0	to	480	m3/h	0	to	2113	0	to	9600	m3/h	0	to	42267
700	28	0	to	660	m3/h	0	to	2905	0	to	13200	m3/h	0	to	59117
800	32	0	to	900	m3/h	0	to	3962	0	to	18000	m3/h	0	to	79251
900	36	0	to	1200	m3/h	0	to	5283	0	to	24000	m3/h	0	to	105668
1000	40	0	to	1350	m3/h	0	to	5943	0	to	27000	m3/h	0	to	118877

MAG1000 Characteristics



FEATURES:

- Most commonly used model
- Corrosion protection
- Long lifetime
- Anti-vibration
- Industries: Oil & Gas, Water & Wastewater, Chemicals, Power, Food & Beverages, Pharmaceutical, Pulp & Paper

Model	MAG1000
Diameter (mm)	DN10 to DN500
Connection type	Stainless Steel Flange
Accuracy	±0.5%
Sensor housing material	Carbon steel
Lining material	Teflon
Electrodes material	316L
Ambient temperature	-10°C to +60°C
Fluid temperature	-25°C to +65°C
Display type	Local display
Output signal	0-10mA or 4-20mA Current output, Pulse or Frequency
Communication	RS485 or RS232 MODBUS or HART or PROFIBUS
Power supply	100 to 240VAC or 20 to 36VDC

MAG2000 Characteristics



FEATURES:

- Stainless steel sensor
- Corrosion protection
- Long lifetime
- Anti-vibration
- Industries: Oil & Gas, Water & Wastewater, Chemicals, Power, Food & Beverages, Pharmaceutical, Pulp & Paper

Model	MAG2000
Diameter (mm)	DN10 to DN500
Connection type	Stainless Steel Flange
Accuracy	±0.5%
Sensor housing material	Stainless steel
Lining material	Teflon
Electrodes material	316L
Ambient temperature	-10°C to +60°C
Fluid temperature	-25°C to +65°C
Display type	Local display
Output signal	0-10mA or 4-20mA Current output, Pulse or Frequency
Communication	RS485 or RS232 MODBUS or HART or PROFIBUS
Power supply	100 to 240VAC or 20 to 36VDC

MAG3000 Characteristics



FEATURES:

- Economic solution
- Easy to install and operate
- Sandwich design
- Anti-vibration
- Long lifetime
- Industries: Agriculture, Water, Power

Model	MAG3000
Diameter (mm)	DN10 to DN200
Connection type	Wafer
Accuracy	±0.5%
Sensor housing material	Carbon steel
Lining material	Teflon
Electrodes material	316L
Ambient temperature	-10°C to +60°C
Fluid temperature	-25°C to +65°C
Display type	Local display
Output signal	0-10mA or 4-20mA Current output, Pulse or Frequency
Communication	RS485 or RS232 MODBUS or HART or PROFIBUS
Power supply	100 to 240VAC or 20 to 36VDC

MAG4000, 4000A Characteristics



FEATURES:

- No crevices and gaps or blind spots
- Sanitary & Hygienic solution
- Vacuum resistance
- Corrosion protection
- Long lifetime
- Industries: Food & Beverages, Pharmaceutical, Cosmetics

Model	MAG4000, MAG4000A
Diameter (mm)	DN10 to DN100
Connection type	Tri-Clamp, Thread
Accuracy	±0.5%
Sensor housing material	Stainless steel
Lining material	Teflon
Electrodes material	316L
Ambient temperature	-10°C to +60°C
Fluid temperature	-25°C to +65°C
Display type	Local display
Output signal	0-10mA or 4-20mA Current output, Pulse or Frequency
Communication	RS485 or RS232 MODBUS or HART or PROFIBUS
Power supply	100 to 240VAC or 20 to 36VDC

MAG5000 Characteristics



FEATURES:

- Explosive proof
- Solution for hazardous places
- Long lifetime
- Anti-vibration
- Industries: Oil & Gas, Water & Wastewater, Chemicals, Power, Food & Beverages, Pharmaceutical, Pulp & Paper

Model	MAG5000
Diameter (mm)	DN10 to DN500
Connection type	Carbon Steel Flange
Accuracy	±0.5%
Sensor housing material	Carbon steel
Lining material	Teflon
Electrodes material	316L
Ambient temperature	-10°C to +60°C
Fluid temperature	-25°C to +65°C
Display type	Local display
Output signal	0-10mA or 4-20mA Current output, Pulse or Frequency
Communication	RS485 or RS232 MODBUS or HART or PROFIBUS
Power supply	100 to 240VAC or 20 to 36VDC

MAG6000 Characteristics

FEATURES:

- Remote display
- Corrosion protection
- Long lifetime
- Anti-vibration
- Convenience and flexibility
- Industries: Oil & Gas, Water & Wastewater, Chemicals, Power, Food & Beverages, Pharmaceutical, Pulp & Paper



Model	MAG6000
Diameter (mm)	DN10 to DN500
Connection type	Stainless Steel Flange
Accuracy	±0.5%
Sensor housing material	Carbon steel
Lining material	Teflon
Electrodes material	316L
Ambient temperature	-10°C to +60°C
Fluid temperature	-25°C to +65°C
Display type	Remote display
Output signal	0-10mA or 4-20mA Current output, Pulse or Frequency
Communication	RS485 or RS232 MODBUS or HART or PROFIBUS
Power supply	100 to 240VAC or 20 to 36VDC

MAG7000 Characteristics



FEATURES:

- Rubber lining
- Economic solution
- Long lifetime
- Anti-vibration
- Industries: Oil & Gas, Wastewater, Power, Pulp & Paper

Model	MAG7000
Diameter (mm)	DN65 to DN1000
Connection type	Carbon Steel Flange
Accuracy	±0.5%
Sensor housing material	Carbon steel
Lining material	Rubber
Electrodes material	316L
Ambient temperature	-10°C to +60°C
Fluid temperature	-25°C to +65°C
Display type	Local display
Output signal	0-10mA or 4-20mA Current output, Pulse or Frequency
Communication	RS485 or RS232 MODBUS or HART or PROFIBUS
Power supply	100 to 240VAC or 20 to 36VDC

MAG8000 Characteristics



FEATURES:

- High Pressure Type
- Corrosion protection
- Long lifetime
- Anti-vibration
- Industries: Oil & Gas, Water & Wastewater, Chemicals, Power, Food & Beverages, Pharmaceutical, Pulp & Paper

Model	MAG8000
Diameter (mm)	DN10 to DN500
Connection type	Carbon Steel Flange
Accuracy	±0.5%
Sensor housing material	Carbon steel
Lining material	Teflon
Electrodes material	316L
Ambient temperature	-10°C to +60°C
Fluid temperature	-25°C to +65°C
Display type	Local display
Output signal	0-10mA or 4-20mA Current output, Pulse or Frequency
Communication	RS485 or RS232 MODBUS or HART or PROFIBUS
Power supply	100 to 240VAC or 20 to 36VDC

MAG9000 Characteristics



FEATURES:

- Battery supplied model
- Corrosion protection
- Long lifetime
- Anti-vibration
- Industries: Oil & Gas, Water & Wastewater, Chemicals, Power, Food & Beverages, Pharmaceutical, Pulp & Paper

Model	MAG9000
Diameter (mm)	DN10 to DN500
Connection type	Stainless Steel Flange
Accuracy	±0.5%
Sensor housing material	Stainless steel
Lining material	Teflon
Electrodes material	316L
Ambient temperature	-10°C to +60°C
Fluid temperature	-25°C to +65°C
Display type	Local display
Output signal	0-10mA or 4-20mA Current output, Pulse or Frequency
Communication	RS485 or RS232 MODBUS or HART or PROFIBUS
Power supply	Lithium Battery Supply

MT100 Characteristics



FEATURES:

- Economic solution
- Low power consumption
- Information stays after electricity shut down

Model	MT100
Display type	Local display
Accuracy	±0.5%
Output signal	0-10mA or 4-20mA Current output, Pulse or Frequency
Communication	RS485 or RS232 MODBUS or HART or PROFIBUS
Power supply	100 to 240VAC or 20 to 36VDC

MT200 Characteristics



FEATURES:

- Explosive proof
- Low power consumption
- Information stays after electricity shut down

Model	MT200
Display type	Local display
Accuracy	±0.5%
Output signal	0-10mA or 4-20mA Current output, Pulse or Frequency
Communication	RS485 or RS232 MODBUS or HART or PROFIBUS
Power supply	100 to 240VAC or 20 to 36VDC

MT300 Characteristics



FEATURES:

- Remote display
- Low power consumption
- Information stays after electricity shut down

Model	MT300
Display type	Remote display
Accuracy	$\pm 0.5\%$
Output signal	0-10mA or 4-20mA Current output, Pulse or Frequency
Communication	RS485 or RS232 MODBUS or HART or PROFIBUS
Power supply	100 to 240VAC or 20 to 36VDC

MT400 Characteristics



FEATURES:

- Battery Supply
- Low power consumption
- Information stays after electricity shut down

Model	MT400
Display type	Local display
Accuracy	±0.5%
Output signal	0-10mA or 4-20mA Current output, Pulse or Frequency
Communication	RS485 or RS232 MODBUS or HART or PROFIBUS
Power supply	Lithium Battery Supply

MODEL AND SUFFIX CODE FOR ELECTROMAGNETIC FLOWMETERS

Suffix Code														Description	
EXM DC	-200	L	F	F	-G1.6	C	L	-M	A	L	-C	F	S	2	Model Example
DN	-XXX														Nominal size DN10-1000mm
Electrodes material		L to P													L: 316L; V: Titanium; T: Tantalum; H: Hastelloy; M: Monel; P: Platinum-Iridium
Lining material			C												Chloroprene Rubber (DN65-1000mm)
			F												FEP (DN10-500mm)
			T												PTFE (DN50-300mm)
			9												Customization
Process connection			F												Carbon steel flange
			S												304 Stainless steel Flange
			T												Thread connection (DN10-100mm)
			W												Wafer connection (DN10-200mm)
			C												Tri-clamp connection (DN10-100mm)
Working pressure			-G1.6												DIN PN. 0.6, 1.0, 1.6, 2.0, 2.5, 4.0,16, 25, 35, 42MPa
			-A150												ANSI CL150, CL300, CL600,CL900, CL1500, CL2500
			-J10												JIS 10K, 20K, 30K
Flow sensor housing material			C												Carbon steel
			A												Cast-aluminum
			S												304 Stainless steel with painting
			P												304 Stainless steel without painting
Liquid temperature			L												<60°C (Short time up to 80°C)
			S												<120°C (Only remote type)
			H												<160°C (Only remote type)
Construction								-M							Integral Type
								-D							Remote Type
Power supply									A						100-240VAC
									B						20-36VDC
									C						Lithium battery (Pulse output only for calibration)
Transmitter type										L to 9					L: Standard type; X: Explosive proof type; N: Process control type; B: Batch control type; H: Battery supplied type; S: Slurry type; 9: Special type
Output signal 1											-C				4-20mA Current output
											-D				0-10mA Current output
Output signal 2												P			Pulse output
												F			Frequency output
Communication												N to A			N: No communication; S: RS485 (MODBUS); R: RS232 (MODBUS); B: RS485 (MODBUS) - Battery supplied type; F: PROFIBUS; H: HART; G: GPS; A: CDMA
Cable length (Remote type only)														0 to 8	0: No cable (Integral type); 1: 5m of signal and exciting current cable (Remote type default); 2: 10m; 3: 15m; 4: 20m; 5: 25m; 6: 50m; 7: 80m; 8: 100m

Note: Users must consider the characteristics of selected wetted parts material and the influence of process fluids. The use of inappropriate materials can result in the leakage of corrosive process fluids and cause injury to personnel and/or damage to plant facilities. It is also possible that the instrument itself can be damaged and that fragments from the instrument can contaminate the user's process fluids. Be very careful with highly corrosive process fluids such as hydrochloric acid, sulfuric acid, hydrogen sulfide, sodium hypochlorite, and high-temperature steam (150°C [302°F] or above). Contact us for detailed information of the wetted parts material.

TURBINE FLOWMETERS



Turbine Flow Meters

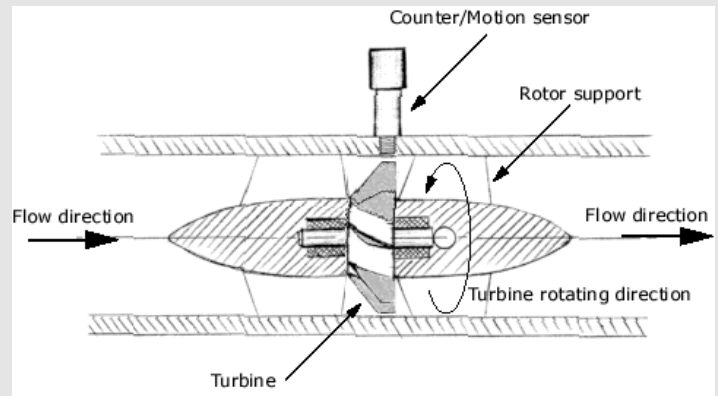
EXM-LWG Series

PROFILE

LWG series turbine flow meters assimilate the advanced technology of flow meters with optimum design. They can be used with liquid that can't have reaction with stainless steel, 1Cr18Ni9Ti, 2Cr13, Al₂O₃, cemented carbide, and the liquid kinematical viscosity under $5 \times 10^{-6} \text{m}^2/\text{s}$. If the kinematical viscosity is over $5 \times 10^{-6} \text{m}^2/\text{s}$, they can be used after demarcate.

FEATURES

- Simplicity and light weight
- High accuracy and sensitivity
- Stable performance
- Energy saving
- Wide range of application

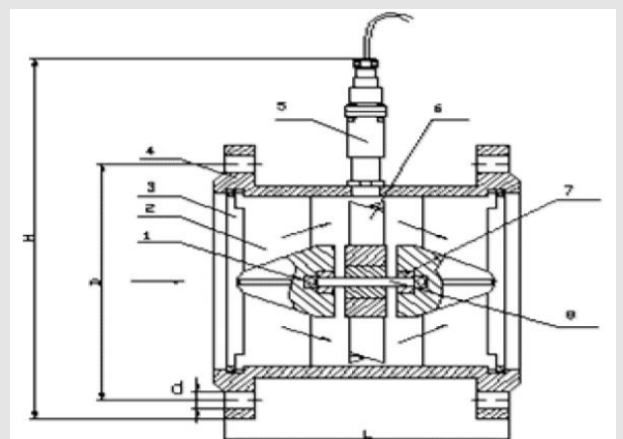


STRUCTURE

LWG series intelligent turbine flow meters adopt the newest modern technology of flow sensor that has low power consumption, Single Chip Microcomputer, and have double LED display. The high definition display can show both instantaneous flow (4 bits significant figures) and accumulate flow (8 bits significant figures can reset). The information will not be dropped after be power-down.

USING CONDITIONS

- Medium Temperature: $-20^{\circ}\text{C} \sim +120^{\circ}\text{C}$
- Ambient Temperature: $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$
- Power Supply: Voltage: $12\text{V} \pm 10\%$, Current: $\leq 10\text{mA}$; Battery Supply
- Pulse output: High level Signal $\geq 8\text{V}$, Low Level Signal $\leq 0.8\text{V}$.
- Distance of output: $< 1000\text{m}$



- | | | |
|--------------------|------------|------------|
| 1. Ball Bearing | 4. Tube | 7. Bearing |
| 2. Inlet Rectifier | 5. Pick-up | |
| 3. Bead Flange | 6. Rotor | |

Turbine Flow Meters

EXM-LWG Series

FLOW RANGES AND WORKING PRESSURE

Diameter (mm)	Standard Flow Range (m ³ /h)	Wide Flow Range (m ³ /h)	Connection Type	Standard Working Pressure (MPa)	Special Working Pressure (MPa)
4	0.04 - 0.25	0.04 - 0.4	Thread (or Flange)	6.3	12, 16, 25
6	0.1 - 0.6	0.06 - 0.6	Thread (or Flange)	6.3	12, 16, 25
10	0.2 - 1.2	0.15 - 1.5	Thread (or Flange)	6.3	12, 16, 25
15	0.6 - 6	0.4 - 8	Thread (or Flange)	6.3, 2.5 (Flange)	4.0, 6.3, 12, 16, 25
20	0.8 - 8	0.45 - 9	Thread (or Flange)	6.3, 2.5 (Flange)	4.0, 6.3, 12, 16, 25
25	1 - 10	0.5 - 10	Thread (or Flange)	6.3, 2.5 (Flange)	4.0, 6.3, 12, 16, 25
32	1.5 - 15	0.8- 15	Thread (or Flange)	6.3, 2.5 (Flange)	4.0, 6.3, 12, 16, 25
40	2 - 20	1 - 20	Thread (or Flange)	6.3, 2.5 (Flange)	4.0, 6.3, 12, 16, 25
50	4 - 40	2 - 40	Flange	2.5	4.0, 6.3, 12, 16, 25
65	7 - 70	4 - 70	Flange	2.5	4.0, 6.3, 12, 16, 25
80	10 - 100	5 - 100	Flange	2.5	4.0, 6.3, 12, 16, 25
100	20 - 200	10 - 200	Flange	1.6	4.0, 6.3, 12, 16, 25
125	25 - 250	13 - 250	Flange	1.6	2.5, 4.0, 6.3, 12, 16
150	30 - 300	15 - 300	Flange	1.6	2.5, 4.0, 6.3, 12, 16
200	80 - 800	40 - 800	Flange	1.6	2.5, 4.0, 6.3, 12, 16

TB1000 Characteristics



FEATURES:

- Measures nonconductive liquids
- Low-cost solution
- Corrosion protection
- Long lifetime
- Anti-vibration
- Industries: Oil & Gas, Water & Wastewater, Chemicals, Power, Food & Beverages

Model	TB1000
Diameter (mm)	DN40 to DN200
Connection type	Stainless Steel Flange
Accuracy	±0.5%, ±1.0%
Body material	Stainless steel
Ambient temperature	-20°C to +55C
Fluid temperature	-20°C to +120°C
Output signal	4-20mA or Pulse or without output signal
Power supply	Battery supply or 24VDC

TB2000 Characteristics



FEATURES:

- Sanitary & Hygienic solution
- Measures nonconductive liquids
- Low-cost solution
- Long lifetime
- Corrosion protection
- Industries: Food & Beverages, Pharmaceutical, Cosmetics

Model	TB2000
Diameter (mm)	DN4 to DN40
Connection type	Thread
Accuracy	±0.5%, ±1.0%
Body material	Stainless steel
Ambient temperature	-20°C to +55°C
Fluid temperature	-20°C to +120°C
Output signal	4-20mA or Pulse or without output signal
Power supply	Battery supply or 24VDC

TB3000 Characteristics



FEATURES:

- Sanitary & Hygienic solution
- Measures nonconductive liquids
- Low-cost solution
- Long lifetime
- Corrosion protection
- Industries: Food & Beverages, Pharmaceutical, Cosmetics

Model	TB3000
Diameter (mm)	DN4 to DN40
Connection type	Thread
Accuracy	±0.5%, ±1.0%
Body material	Stainless steel
Ambient temperature	-20°C to +55°C
Fluid temperature	-20°C to +120°C
Output signal	Pulse output signal
Power supply	5 - 24VDC

TB4000 Characteristics



FEATURES:

- Measures nonconductive liquids
- Low-cost solution
- Corrosion protection
- Long lifetime
- Anti-vibration
- Industries: Oil & Gas, Water & Wastewater, Chemicals, Power, Food & Beverages

Model	TB4000
Diameter (mm)	DN40 to DN200
Connection type	Stainless Steel Flange
Accuracy	±0.5%, ±1.0%
Body material	Stainless steel
Ambient temperature	-20°C to +55°C
Fluid temperature	-20°C to +120°C
Output signal	Pulse output signal
Power supply	5 - 24VDC

TB100 Characteristics



FEATURES:

- Low-cost solution
- Low power consumption
- Information stays after electricity shut down

Model	TB100
Accuracy	$\pm 0.5\%$, $\pm 1.0\%$
Output signal	4-20mA or Pulse or without output signal
Power supply	Battery supply or 24VDC

TB200 Characteristics



FEATURES:

- Low-cost solution
- Low power consumption

Model	TB200
Accuracy	$\pm 0.5\%$, $\pm 1.0\%$
Output signal	Pulse output signal
Power supply	5 - 24VDC

MODEL AND SUFFIX CODE FOR TURBINE FLOWMETERS

Suffix Code									Description
EXM LWG	Y	-050	-G1.6	F	S	A	-S	-N	Model Example
Type	Y								Local display without signal output, battery supply
	B								Local display with 4-20mA output, 24VDC supply
	P								Pulse output without local display, 12-24VDC supply
	C								4-20mA output without local display, 24VDC supply
Size		-004							4mm
		-006							6mm
		-010							10mm
		-015							15mm
		-020							20mm
		-025							25mm
		-032							32mm
		-040							40mm
		-050							50mm
		-065							65mm
		-080							80mm
		-100							100mm
		-125							125mm
		-150							150mm
	-200							200mm	
Liquid Pressure (MPa)		-G1.6							DIN PN. 1.6, 2.5, 4.0,16, 25, 35, 42
		-A150							ANSI CL150, CL300, CL600
		-J10							JIS 10K, 20K, 30K
Connection				F					Flange connection (DN40-200mm)
				T					Thread connection (DN4-40mm)
				9					Customization
Flow range					S				Standard flow range
					W				Wide flow range
Accuracy						A			1.0%
						B			0.5%
Material							-S		SS304
							-L		SS316
							9		Customization
Explosion-proof marker								-N	No explosion proof
								-E	ExdIIBT6

Note: Users must consider the characteristics of selected wetted parts material and the influence of process fluids. The use of inappropriate materials can result in the leakage of corrosive process fluids and cause injury to personnel and/or damage to plant facilities. It is also possible that the instrument itself can be damaged and that fragments from the instrument can contaminate the user's process fluids. Be very careful with highly corrosive process fluids such as hydrochloric acid, sulfuric acid, hydrogen sulfide, sodium hypochlorite, and high-temperature steam (150°C [302°F] or above). Contact us for detailed information of the wetted parts material.



EXIMIO TECHNOLOGIES®

Provide Entire Solution

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