ELECTROMAGNETIC FLOW METER

GIMA-T series



Feature

Power supply: 90V AC to 130V AC, 180V AC to 250V AC, 24V DC
Backlit display eases reading in direct sunlight or poor lightning conditions.
Improved noise immunity performance up to 250%
Optional "fast response" model for short run batch applications.
Rotating display improves visibility of integral models mounted on pipes up to 90 degrees from standard.
Average function for pulsating flow applications has been added.
Write protect function prevents tampering with converter settings.

Specification

Pipe diameter range: 6mm-1000mm
Fluid conductivity: 3μs/cm or great
Measurable velocity: <'.0.1 m/s
Enclosure rating: JIS C 0920 Waterproof;
NEMA TYPE4X; IEC Ip66
Hazardous area certification: FM approval for Division 2
EMC conformity standards: En61326
Adjust zero automatically
Eliminates steep noise spikes

GIMA-B series



GIMA

ELECTROMAGNETIC FLOW METER

Model	Suffix Code											Description
GIMA-	❶	❷	❸	❹	❺	❻	-❼	❽	❾	❿	⓫	Electromagnetic Flowmeter
Type	B											B type
	T											T type
Diameter		XXXX										Stand for diameter 0006: DN6; 0015: DN15 0100: DN100; 2200: DN2200
Structure			S									Compact Type with local display
			L									Remote Type; 10 meters cable default
Electrode Material				M								SS316L
				T								Titanium
				D								Tantalum
				H								Hastelloy Alloy C
				P								Platinum-Iridium
Signal Output					0							No Output
					1							4-20mA / Pulse
Liner Material						X						Propylene Oxide Rubber
						P						Polyurethane
						F						PTFE
						A						PFA
Power Supply							-0					110-240Vac
							-1					24V DC (20-36V DC)
							-2					Battery Power Supply
Communication								0				No Communication
								1				Modbus RS485
								2				HART
Sensor Grounding									1			Grounding Ring
									2			Grounding Electrode
Connection										DXX		D16:DIN PN16 Flange ; D25: DIN PN25 Flange...
										AXX		A15: ANSI150# Flange; A30: ANSI 300# Flange...
										JXX		J10: JIS 10K Flange; J20: JIS 20K Flange...
										TRC		Tri- clamp for sanitary connection
Body Material											CS	Carbon Steel
											S4	Stainless Steel 304
											S6	Stainless Steel 316

ModelCode: ❶ ❷ ❸ ❹ ❺ ❻ ❼ ❽ ❾ ❿ ⓫
GIMA B 0150 S M 1 F -0 1 2 A15 CS

❶ B: B Type
❷ 0150: DN150
❸ S: Compact type with local display
❹ M: SS316L electrode
❺ 1: 4-20mA / Pulse output
❻ F: PTFE liner
❼ 0: 110-240Vac power supply
❽ 1: Modbus RS485 Communication
❾ 2: Grounding electrode
❿ A15: Flange ANSI 150#
⓫ CS: Carbon steel body

ELECTROMAGNETIC FLOW METER

Flow Range

Diameter		Flow Rate (m^3/h)		
		V=0.3m/s	V=6m/s	V=10m/s
mm	Inch	Min	Calibrated	Max
6	1/4"	0.0306	0.611	1.018
10	3/8"	0.0849	1.696	2.827
15	1/2"	0.1909	3.817	6.362
20	3/4"	0.3393	6.786	11.31
25	1"	0.5301	10.60	17.67
32	1-1/4"	0.8686	17.37	28.95
40	1-1/2"	1.357	27.14	45.24
50	2"	2.121	42.14	70.69
65	2-1/2"	3.584	71.68	119.5
80	3"	5.429	108.6	181.0
100	4"	8.482	169.6	282.7
125	5"	13.25	265.1	441.8
150	6"	19.09	381.7	636.2
200	8"	33.93	678.6	1131
250	10"	53.01	1060	1767
300	12"	76.34	1527	2545
350	14"	103.9	2078	3465
400	16"	135.7	2714	4524
450	18"	171.8	3435	5726
500	20"	212.1	4241	7069
600	24"	305.4	6107	10179
700	28"	415.6	8310	13850
800	32"	542.9	10860	18100
900	36"	662.8	13740	22900
1000	40"	848.2	16962	28270

GIMA

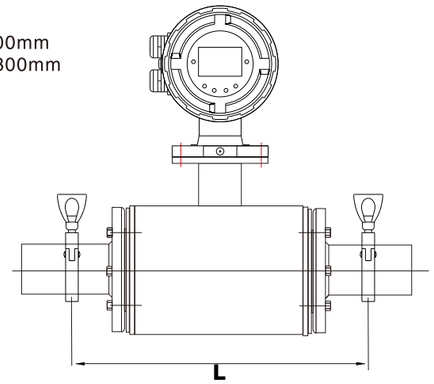
SANITARY MAGNETIC FLOW METER

GIMA-S Series



Length

DN10-DN20: L=200mm
DN32-DN100: L=300mm



Model	Suffix Code									Description
GIMA-S	❶	❷	❸	❹	❺	-❻	❼	❽	❾	Sanitary Magnetic Flowmeter
Diameter	XXXX									Stand for diameter 0010: DN10 0100: DN100
Structure		S								Compact Type with local display
		L								Remote Type;10 meters cable default
Electrode Material			M							SS316L
			T							Titanium
			D							Tantalum
			H							Hastelloy Alloy C
			P							Platinum-Iridium
Signal Output				0						No Output
				1						4-20mA / Pulse
Liner Material					F					PTFE
					A					PFA
Power Supply						-0				110-240Vac
						-1				24V DC (20-36V DC)
						-2				Battery Power Supply
Communication							0			No Communication
							1			Modbus RS485
							2			HART
							3			GPRS
							4			Profibus DP
Sensor Grounding								0		No Grounding
								1		Grounding Ring
								2		Grounding Electrode
Body Material									S4	Stainless Steel 304
									S6	Stainless Steel 316