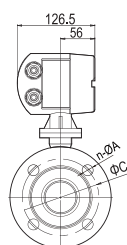
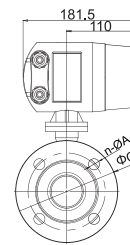
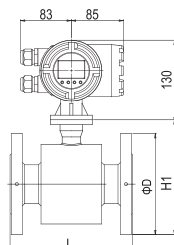


The Series KF700-FA Flanged Electromagnetic Flowmeter

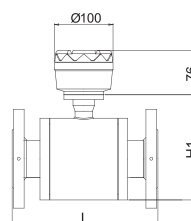
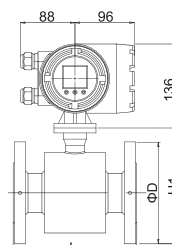
From 10mm to 2000mm, accuracy up to $\pm 0.2\%$. Ultra-low conductivity liquids as $1\mu\text{s/cm}$



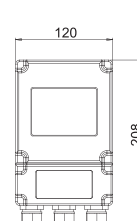
MF710 (mm)



MF720 (mm)



MF730 (mm)



The Series KF700-FA Flanged Electromagnetic Flowmeter is designed for flow measurement in pipelines with diameters from DN10 to DN2000. It is particularly suitable for water supply, drainage, and sewage treatment in municipal engineering. It can not only measure the flow of ordinary conductive liquids but also that of corrosive liquids such as strong acids and alkalis, as well as the volumetric flow of homogeneous liquid-solid two-phase suspended liquids like mud, ore pulp, and paper pulp. Adopting electromagnetic measurement technology, it has no moving parts, enabling accurate measurement even in applications where liquids contain impurities, with extremely low post-operation maintenance workload. Its specially designed electrodes can reduce dirt accumulation, and it has minimal requirements for straight pipe sections at the front and rear. This series of products can measure liquids with a conductivity as low as $1\mu\text{s/cm}$. All models are equipped with indicators for instantaneous flow and totalized flow. They come with 4-20mA output and pulse output, which are used in applications such as remote display or control, data acquisition, and remote measurement.

FEATURES

- Can measure pipelines with a diameter of up to 2 meters
- Capable of measuring ultra-low conductivity liquids (as low as $1\mu\text{s/cm}$)
- Customizable to achieve an accuracy of up to $\pm 0.2\%$
- On-site configuration via the display screen to meet application requirements
- Ensures accurate measurement even when temperature, density, or viscosity changes, thereby improving system efficiency;
- Features long service life, low cost, and minimal maintenance needs
- No moving parts, avoiding wear, tear, or damage
- Electrode design with anti-fouling and anti-damage properties
- Adopts an unobstructed flow measurement method, resulting in no pressure loss

APPLICATIONS

- Petrochemical Industry
- Metallurgical Industry
- Textile Industry
- Pharmaceutical Industry
- Semiconductor Industry
- Food and Beverage Industry
- Paper and Pulp
- Power Plants
- Urban Water Supply and Drainage
- Environmental Protection
- Shipbuilding Industry

SPECIFICATIONS	
Pipe Size	From DN10 to DN2000
Electrode Material	316L; optional: Hastelloy Hc, Hastelloy Hb, titanium alloy (Ti), platinum alloy (Pt), tantalum alloy (Ta)
Liner Material	Optional liners: PTFE, F46, PFA, rubber, polyurethane, ceramics, hard rubber
Service	Conductive liquids compatible with the selected material
Medium Conductivity	$>20\mu\text{s/cm}$; optional low-conductivity measurement down to $1\mu\text{s/cm}$
Accuracy	Within the range: $\pm 0.5\%$ RD; $\pm 0.2\%$ RD (optional)
Flow Velocity Range	0.3 m/s - 10 m/s
Temperature Rating	Neoprene rubber liner up to 80°C ; PTFE liner up to 130°C ; Polyurethane liner up to 70°C ; F46 liner up to 150°C ; PFA liner up to 150°C ; Ceramic liner up to 150°C ; Hard Rubber liner up to 70°C
Pressure Rating	PN6, PN10, PN16, PN40 (varies by model)
Enclosure Rating	IP65, IP67, IP68 (varies by model)
Output Signal	4-20mA + pulse + RS485; optional with HART protocol
Power Requirements	Optional: 85-265V AC 50Hz, 85-265V AC 60Hz, or 18-36V DC
Electrical Connections	M20*1.5
Process Connections	Flanges: DIN2501, ANSI, JIS

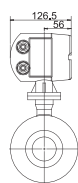
The Series KF700-FA Flanged Electromagnetic Flowmeter

From 10mm to 2000mm, accuracy up to $\pm 0.2\%$. Ultra-low conductivity liquids as $1\mu\text{S}/\text{cm}$

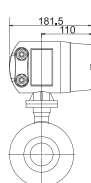
Model Chart												
Example	KF700-FA	-A1	-2	-A	-A	-25	-L	-3	-2	-1	-A	-1
Series	KF700-FA											
Converter Type		A1										
		A2										
		B3										
Flange Standard			1									
			2									
			3									
			4									
			5									
			6									
			7									
			8									
Flange Material				A								
				B								
				C								
Body Material					A							
					B							
					C							
Pipe Size						10						
						15						
						20						
						25						
						32						
						40						
						50						
						65						
						80						
						100						
						125						
						150						
						200						
						250						
						300						
						350						
						400						
						450						
						500						
						600						
						700						
						800						
						900						
						1000						
						1200						
						1400						
						1600						
						1800						
						2000						
Electrode Material							L					
							C					
							B					
							T					
							P					
							A					
Liner Material								1				
								2				
								3				
								4				
								5				
								6				
								7				
Enclosure Rating									1			
									2			
									3			
Output Signal										2		
										3		
Power Requirements										A1		
										A2		
										B		
Grounding Type											1	
											2	
											3	
Note	For pipe size DN10, DN15, and DN20, when the three-electrode grounding is adopted, the dimension L is 200mm											

The Series KF700-KA Sanitary Electromagnetic Flowmeter

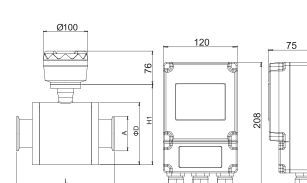
From 10mm to 100mm, accuracy up to $\pm 0.2\%$, ultra-low conductivity liquids as $1\mu\text{S/cm}$



MF710 (mm)



MF720 (mm)



MF730 (mm)

The Series KF700-KA Sanitary Electromagnetic Flowmeter is designed for flow measurement in pipelines with diameters ranging from DN10 to DN100, and is particularly suitable for applications requiring special cleanliness in industries such as food, beverage, and pharmaceuticals. Adopting electromagnetic measurement technology, it has no moving parts, enabling accurate measurement even in applications where liquids contain impurities, with extremely low post-operation maintenance workload. Its specially designed electrodes can reduce dirt accumulation, and it has minimal requirements for straight pipe sections at the front and rear. This series of products can measure liquids with a conductivity as low as $1\mu\text{S/cm}$. All models are equipped with indicators for instantaneous flow and totalized flow. They come with 4-20mA output and pulse output, which are used in applications such as remote display or control, data acquisition, and remote measurement.

FEATURES

- Tri-clamp type quick connection, easy to disassemble and assemble
- Capable of measuring ultra-low conductivity liquids (as low as $1\mu\text{S/cm}$)
- Customizable to achieve an accuracy of up to $\pm 0.2\%$
- On-site configuration via the display screen to meet application requirements
- Ensures accurate measurement even when temperature, density, or viscosity changes, thereby improving system efficiency;
- Features long service life, low cost, and minimal maintenance needs
- No moving parts, avoiding wear, tear, or damage
- Electrode design with anti-fouling and anti-damage properties
- Adopts an unobstructed flow measurement method, resulting in no pressure loss

APPLICATIONS

- Food and Beverage Industry
- Pharmaceutical Industry
- Biochemical Industry
- Research Center

SPECIFICATIONS

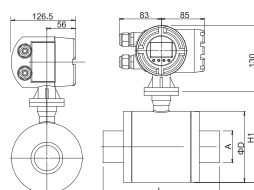
Pipe Size	From DN10 to DN100
Electrode Material	316L; optional: Hastelloy Hc, Hastelloy Hb, titanium alloy (Ti), platinum alloy (Pt), tantalum alloy (Ta)
Liner Material	Optional liners: PTFE, F46, PFA
Service	Conductive liquids compatible with the selected material
Medium Conductivity	$>20\mu\text{S/cm}$; optional low-conductivity measurement down to $1\mu\text{S/cm}$.
Accuracy	Within the range: $\pm 0.5\%$ RD; $\pm 0.2\%$ RD (optional)
Flow Velocity Range	0.3 m/s - 10 m/s
Temperature Rating	PTFE liner up to 130°C ; F46 liner up to 150°C ; PFA liner up to 150°C
Pressure Rating	PN6, PN10, PN16, PN40 (varies by model)
Enclosure Rating	IP65, IP67, IP68 (varies by model)
Output Signal	4-20mA + pulse + RS485; optional with HART protocol
Power Requirements	Optional: 85-265V AC 50Hz, 85-265V AC 60Hz, or 18-36V DC
Electrical Connections	M20*1.5
Process Connections	Tri-clamp type

Model Chart

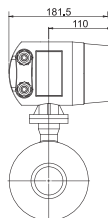
Example	KF700-KA	-A1	-25	-1	-L	-3	-2	-1	-A1	
Series	KF700-KA									Sanitary Electromagnetic Flowmeter
Converter Type		A1								Integrated Type with MF710 Converter
		A2								Integrated Type with MF720 Converter
		B3								Remote Type with MF730 Converter
Pipe Size			10							DN10, 0.08m³/h - 1.6m³/h; L x D x H1 x A = 180x91x130x50.5mm
			15							DN15, 0.2m³/h - 4m³/h; L x D x H1 x A = 180x91x130x50.5mm
			20							DN20, 0.3m³/h - 6m³/h; L x D x H1 x A = 180x91x130x50.5mm
			25							DN25, 0.5m³/h - 10m³/h; L x D x H1 x A = 180x91x130x50.5mm
			32							DN25, 0.5m³/h - 10m³/h; L x D x H1 x A = 180x91x130x50.5mm
			40							DN40, 1.2m³/h - 25m³/h; L x D x H1 x A = 200x120x165x64mm
			50							DN50, 2m³/h - 40m³/h; L x D x H1 x A = 220x140x180x77.5mm
			65							DN65, 3.5m³/h - 60m³/h; L x D x H1 x A = 230x150x190x91mm
			80							DN80, 5m³/h - 100m³/h; L x D x H1 x A = 250x160x200x106mm
Body Material			100							DN100, 8m³/h - 160m³/h; L x D x H1 x A = 270x190x230x119mm
				1						304 Stainless Steel
Electrode Material				2						316L Stainless Steel
					L					316L Stainless Steel
					C					Hastelloy Hc
					B					Hastelloy Hb
					T					Titanium (Ti)
					P					Platinum (Pt)
					A					Tantalum (Ta)
Liner Material						1				PTFE (DN25-DN200), Temperature Resistance up to 130°C
						2				F46 (DN10-DN300), Temperature Resistance up to 150°C
						3				PFA (DN10-DN300), Temperature Resistance up to 150°C
Enclosure Rating							1			IP65
							2			IP67
							3			IP68 (for Remote Type)
Output Signal								1		4-20mA + Pulse
								2		4-20mA + Pulse + RS485
								3		4-20mA + Pulse + HART (applicable only to MF720, 730)
Power Requirements									A1	85 - 265V AC 50Hz
									A2	85 - 265V AC 60Hz
									B	18 - 36V DC

The Series KF700-VA Thread Type Electromagnetic Flowmeter

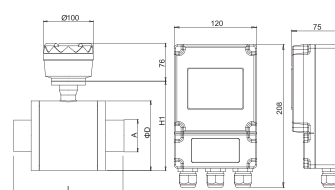
From 10mm to 100mm, accuracy up to $\pm 0.2\%$, ultra-low conductivity liquids as $1\mu\text{s/cm}$



MF710 (mm)



MF720 (mm)



MF730 (mm)

The Series KF700-VA Thread Type Electromagnetic Flowmeter is designed for flow measurement in pipelines with diameters ranging from DN10 to DN100, particularly suitable for applications with high sealing requirements, especially for small-diameter pipelines. Adopting electromagnetic measurement technology, it has no moving parts, enabling accurate measurement even in applications where liquids contain impurities, with extremely low post-operation maintenance workload. Its specially designed electrodes can reduce dirt accumulation, and it has minimal requirements for straight pipe sections at the front and rear. This series of products can measure liquids with a conductivity as low as $1\mu\text{s/cm}$. All models are equipped with indicators for instantaneous flow and totalized flow. They come with 4-20mA output and pulse output, which are used in applications such as remote display or control, data acquisition, and remote measurement.

FEATURES

- Threaded connection, meeting the requirements for small flow rate and high-precision measurement.
- Capable of measuring ultra-low conductivity liquids (as low as $1\mu\text{s/cm}$)
- Customizable to achieve an accuracy of up to $\pm 0.2\%$
- On-site configuration via the display screen to meet application requirements
- Ensures accurate measurement even when temperature, density, or viscosity changes, there by improving system efficiency;
- Features long service life, low cost, and minimal maintenance needs
- No moving parts, avoiding wear, tear, or damage
- Electrode design with anti-fouling and anti-damage properties
- Adopts an unobstructed flow measurement method, resulting in no pressure loss

APPLICATIONS

- Petrochemical industry
- Metallurgical industry
- Textile industry
- Semiconductor industry
- Paper and pulp
- Power plants
- Urban water supply and drainage

SPECIFICATIONS

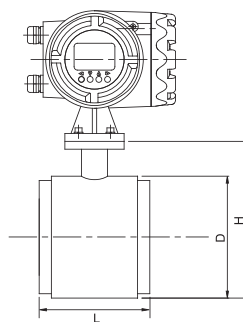
Pipe Size	From DN10 to DN100
Electrode Material	316L; optional: Hastelloy Hc, Hastelloy Hb, titanium alloy (Ti), platinum alloy (Pt), tantalum alloy (Ta)
Liner Material	Optional liners: PTFE, F46, PFA
Service	Conductive liquids compatible with the selected material
Medium Conductivity	$>20\mu\text{s/cm}$; optional low-conductivity measurement down to $1\mu\text{s/cm}$
Accuracy	Within the range: $\pm 0.5\%$ RD; $\pm 0.2\%$ RD (optional)
Flow Velocity Range	0.3m/s - 10m/s
Temperature Rating	PTFE liner up to 130°C ; F46 liner up to 150°C ; PFA liner up to 150°C
Pressure Rating	PN6, PN10, PN16, PN40 (varies by model)
Enclosure Rating	IP65, IP67, IP68 (varies by model)
Output Signal	4-20mA + pulse + RS485; optional with HART protocol
Power Requirements	Optional: 85-265V AC 50Hz, 85-265V AC 60Hz, or 18-36V DC
Electrical Connections	M20*1.5
Process Connections	BSP thread, NPT thread, PT thread

Model Chart

Example	KF700-VA	-A1	-25	-1	-1	-L	-3	-2	-1	-A1	
Series	KF700-VA										Threaded Type Electromagnetic Flowmeter
Converter Type		A1									Integrated Type with MF710 Converter
		A2									Integrated Type with MF720 Converter
		B3									Remote Type with MF730 Converter
Pipe Size			10								DN10, 0.08m ³ /h - 1.6m ³ /h; L x D x H1 = 190x91x130mm
			15								DN15, 0.2m ³ /h - 4m ³ /h; L x D x H1 = 190x91x130mm
			20								DN20, 0.3m ³ /h - 6m ³ /h; L x D x H1 = 190x91x130mm
			25								DN25, 0.5m ³ /h - 10m ³ /h; L x D x H1 = 190x91x130mm
			32								DN32, 0.8m ³ /h - 16m ³ /h; L x D x H1 = 200x105x145mm
			40								DN40, 1.2m ³ /h - 25m ³ /h; L x D x H1 = 220x120x160mm
			50								DN50, 2m ³ /h - 40m ³ /h; L x D x H1 = 230x140x180mm
			65								DN65, 3.5m ³ /h - 60m ³ /h; L x D x H1 = 240x150x190mm
			80								DN80, 5m ³ /h - 100m ³ /h; L x D x H1 = 250x160x200mm
Thread Type											DN100, 8m ³ /h - 160m ³ /h; L x D x H1 = 270x190x230mm
				1							BSP thread
				2							NPT thread
Body Material				3							PT thread
					1						304 Stainless Steel
					2						316L Stainless Steel
Electrode Material						L					316L Stainless Steel
						C					Hastelloy Hc
						B					Hastelloy Hb
						T					Titanium (Ti)
						P					Platinum (Pt)
						A					Tantalum (Ta)
Liner Material							1				PTFE (DN25-DN200), Temperature Resistance up to 130°C
							2				F46 (DN10-DN300), Temperature Resistance up to 150°C
							3				PFA (DN10-DN300), Temperature Resistance up to 150°C
Enclosure Rating								1			IP65
								2			IP67
								3			IP68 (for Remote Type)
Output Signal									1		4-20mA + Pulse
									2		4-20mA + Pulse + RS485
									3		4-20mA + Pulse + HART (applicable only to MF720, 730)
Power Requirements										A1	85 - 265V AC 50Hz
										A2	85 - 265V AC 60Hz
										B	18 - 36V DC

The Series KF700-JA Wafer Type Electromagnetic Flowmeter

From 25mm to 150mm, accuracy up to $\pm 0.2\%$, ultra-low conductivity liquids as $1\mu\text{S}/\text{cm}$



The Series KF700-JA Wafer Type Electromagnetic Flowmeter is secured to the pipeline by its own or an external clamping device, fitting tightly without loosening to ensure stable measurement. Adopting electromagnetic measurement technology, it has no moving parts, enabling accurate measurement even in applications where liquids contain impurities, with extremely low post-operation maintenance workload. Its specially designed electrodes can reduce dirt accumulation, and it has minimal requirements for straight pipe sections at the front and rear. This series of products can measure liquids with a conductivity as low as $1\mu\text{S}/\text{cm}$. All models are equipped with indicators for instantaneous flow and totalized flow. They come with 4-20mA output and pulse output, which are used in applications such as remote display or control, data acquisition, and remote measurement.

FEATURES

- Wafer type connection method facilitates easy installation.
- Capable of measuring ultra-low conductivity liquids (as low as $1\mu\text{S}/\text{cm}$)
- Customizable to achieve an accuracy of up to $\pm 0.2\%$
- On-site configuration via the display screen to meet application requirements
- Ensures accurate measurement even when temperature, density, or viscosity changes, thereby improving system efficiency;
- Features long service life, low cost, and minimal maintenance needs
- No moving parts, avoiding wear, tear, or damage
- Electrode design with anti-fouling and anti-damage properties
- Adopts an unobstructed flow measurement method, resulting in no pressure loss

APPLICATIONS

- Petrochemical Industry
- Metallurgical Industry
- Textile Industry
- Pharmaceutical Industry
- Semiconductor Industry
- Food and Beverage Industry
- Paper and Pulp
- Power Plants
- Urban Water Supply and Drainage
- Environmental Protection
- New energy industry
- Shipbuilding Industry

SPECIFICATIONS

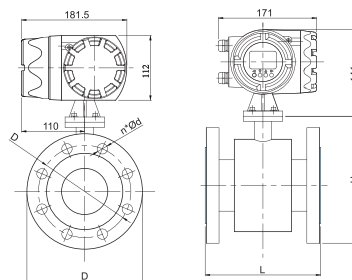
Pipe Size	From DN25 to DN150
Electrode Material	316L; optional: Hastelloy Hc, Hastelloy Hb, titanium alloy (Ti), platinum alloy (Pt), tantalum alloy (Ta)
Liner Material	Optional liners: PTFE, F46, PFA, Ceramic
Service	Conductive liquids compatible with the selected material
Medium Conductivity	$>20\mu\text{S}/\text{cm}$; optional low-conductivity measurement down to $1\mu\text{S}/\text{cm}$
Accuracy	Within the range: $\pm 0.5\%$ RD; $\pm 0.2\%$ RD (optional)
Flow Velocity Range	0.3m/s - 10m/s
Temperature Rating	PTFE liner up to 130°C ; F46 liner up to 150°C ; PFA liner up to 150°C ; Ceramic liner up to 150°C
Pressure Rating	PN10, PN16 (varies by model)
Enclosure Rating	IP65, IP67, IP68 (varies by model)
Output Signal	4-20mA + pulse + RS485; optional with HART protocol
Power Requirements	Optional: 85-265V AC 50Hz, 85-265V AC 60Hz, or 18-36V DC
Electrical Connections	M20*1.5
Process Connections	Wafer Type: DIN2501, ANSI, JIS

Model Chart

Example	KF700-JA	-A1	-25	-1	-1	-L	-3	-2	-1	-A1	-1	
Series	KF700-JA											Wafer Type Electromagnetic Flowmeter
Converter Type		A1										Integrated Type with MF710 Converter
		A2										Integrated Type with MF720 Converter
		B3										Remote Type with MF730 Converter
Pipe Size			25									DN25, 0.5m³/h - 10m³/h; L x D x H = 90x72x112mm
			32									DN32, 0.8m³/h - 16m³/h; L x D x H = 90x82x122mm
			40									DN40, 1.2m³/h - 25m³/h; L x D x H = 90x92x132mm
			50									DN50, 2m³/h - 40m³/h; L x D x H = 125x108x148mm
			65									DN65, 3.5m³/h - 60m³/h; L x D x H = 125x128x168mm
			80									DN80, 5m³/h - 100m³/h; L x D x H = 130x142x182mm
			100									DN100, 8m³/h - 160m³/h; L x D x H = 160x162x202mm
			125									DN125, 12m³/h - 250m³/h; L x D x H = 170x192x232mm
Flange Standard												DN150, 18m³/h - 400m³/h; L x D x H = 185x219x259mm
				1								DIN Standard
				2								American Standard (ANSI)
				3								Japanese Standard (JIS)
Body Material					1							304 Stainless Steel
					2							316L Stainless Steel
						L						316L Stainless Steel
						C						Hastelloy Hc
Electrode Material						B						Hastelloy Hb
						T						Titanium (Ti)
						P						Platinum (Pt)
						A						Tantalum (Ta)
							1					PTFE (DN25-DN2000), Temperature Resistance up to 130°C
Liner Material							2					F46 (DN10-DN300), Temperature Resistance up to 150°C
							3					PFA (DN10-DN300), Temperature Resistance up to 150°C
							6					Ceramic, Temperature Resistance up to 150°C
								1				IP65
Enclosure Rating								2				IP67
								3				IP68 (for Remote Type)
									1			4-20mA + Pulse
Output Signal									2			4-20mA + Pulse + RS485
									3			4-20mA + Pulse + HART (applicable only to MF720, 730)
										A1		85 - 265V AC 50Hz
Power Requirements										A2		85 - 265V AC 60Hz
										B		18-36V DC
											1	Three-electrode (economic grounding option), suitable for plastic pipelines
Grounding Type											2	Grounding Ring, suitable for occasions with strict requirements on accuracy and stability

The Series KF700-GA High-pressure Electromagnetic Flowmeter

From 15mm to 150mm, accuracy up to $\pm 0.2\%$, ultra-low conductivity liquids as $1\mu\text{S}/\text{cm}$



The Series KF700-GA High-pressure Electromagnetic Flowmeter features a high-strength housing and pressure-resistant lining, manufactured using special processes and materials to ensure strong pressure-bearing capabilities. Adopting electromagnetic measurement technology, it has no moving parts, enabling accurate measurement even in applications where liquids contain impurities, with extremely low post-operation maintenance workload. Its specially designed electrodes can reduce dirt accumulation, and it has minimal requirements for straight pipe sections at the front and rear. This series of products can measure liquids with a conductivity as low as $1\mu\text{S}/\text{cm}$. All models are equipped with indicators for instantaneous flow and totalized flow. They come with 4-20mA output and pulse output, which are used in applications such as remote display or control, data acquisition, and remote measurement.

FEATURES

- Adopts a high-strength outer shell and pressure-resistant lining, ensuring strong pressure-bearing capacity.
- Capable of measuring ultra-low conductivity liquids (as low as $1\mu\text{S}/\text{cm}$)
- Customizable to achieve an accuracy of up to $\pm 0.2\%$
- On-site configuration via the display screen to meet application requirements
- Ensures accurate measurement even when temperature, density, or viscosity changes, thereby improving system efficiency;
- Features long service life, low cost, and minimal maintenance needs
- No moving parts, avoiding wear, tear, or damage
- Electrode design with anti-fouling and anti-damage properties
- Adopts an unobstructed flow measurement method, resulting in no pressure loss

APPLICATIONS

- Petrochemical Industry
- Metallurgical Industry
- Textile Industry
- Pharmaceutical Industry
- Semiconductor Industry
- Food and Beverage Industry
- Paper and Pulp
- Power Plants
- Urban Water Supply and Drainage
- Environmental Protection
- New energy industry
- Shipbuilding Industry

SPECIFICATIONS

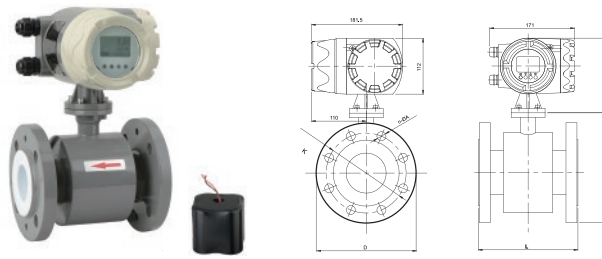
Pipe Size	From DN15 to DN150
Electrode Material	316L; optional: Hastelloy Hc, Hastelloy Hb, titanium alloy (Ti), platinum alloy (Pt), tantalum alloy (Ta)
Liner Material	Optional liners: F46, PFA
Service	Conductive liquids compatible with the selected material
Medium Conductivity	$>20\mu\text{S}/\text{cm}$; optional low-conductivity measurement down to $1\mu\text{S}/\text{cm}$
Accuracy	Within the range: $\pm 0.5\%$ RD; $\pm 0.2\%$ RD (optional)
Flow Velocity Range	0.3m/s - 10m/s
Temperature Rating	F46 liner up to 150°C ; PFA liner up to 150°C
Pressure Rating	PN 26MPa
Enclosure Rating	IP65, IP67, IP68 (varies by model)
Output Signal	4-20mA + pulse + RS485; optional with HART protocol
Power Requirements	Optional: 85-265V AC 50Hz, 85-265V AC 60Hz, or 18-36V DC
Electrical Connections	M20*1.5
Process Connections	Flange GB/T9113-2000

MODEL CHART

Example	KF700-GA	-A1	-25	-1	-L	-3	-2	-1	-A1	
Series	KF700-GA									High-pressure Electromagnetic Flowmeter
Converter Type		A1								Integrated Type with MF710 Converter
		A2								Integrated Type with MF720 Converter
		B3								Remote Type with MF730 Converter
Pipe Size			15							DN15, 0.2m³/h - 4m³/h; L x D x H x n-Φd= 220x120x82.5mm x 4-Φ22
			20							DN20, 0.3m³/h - 6m³/h; L x D x H x n-Φd= 220x130x89mm x 4-Φ22
			25							DN25, 0.5m³/h - 10m³/h; L x D x H x n-Φd= 220x150x101.5mm x 4-Φ26
			32							DN32, 0.8m³/h - 16m³/h; L x D x H x n-Φd= 220x160x111mm x 4-Φ26
			40							DN40, 1.2m³/h - 25m³/h; L x D x H x n-Φd= 250x180x124mm x 4-Φ29.5
			50							DN50, 2m³/h - 40m³/h; L x D x H x n-Φd= 250x215x165mm x 8-Φ26
			65							DN65, 3.5m³/h - 60m³/h; L x D x H x n-Φd= 300x245x190mm x 8-Φ26
			80							DN80, 5m³/h - 100m³/h; L x D x H x n-Φd= 350x265x203mm x 8-Φ32.5
			100							DN100, 8m³/h - 160m³/h; L x D x H x n-Φd= 400x310x241.5mm x 8-Φ32.5
			125							DN125, 12m³/h - 250m³/h; L x D x H x n-Φd= 450x375x292mm x 8-Φ42
			150							DN150, 18m³/h - 400m³/h; L x D x H x n-Φd= 500x395x317.5mm x 12-Φ39
Body Material				1						A3 Carbon Steel
				2						304 Stainless Steel
				3						316L Stainless Steel
					L					316L Stainless Steel
Electrode Material					C					Hastelloy Hc
					B					Hastelloy Hb
					T					Titanium (Ti)
					P					Platinum (Pt)
					A					Tantalum (Ta)
						2				F46 (DN10-DN300), Temperature Resistance up to 150°C
Liner Material						3				PFA (DN10-DN300), Temperature Resistance up to 150°C
							1			IP65
							2			IP67
Enclosure Rating							3			IP68 (for Remote Type)
								1		4-20mA + Pulse
								2		4-20mA + Pulse + RS485
Output Signal								3		4-20mA + Pulse + HART (applicable only to MF720, 730)
									A1	85-265V AC 50Hz
									A2	86-265V AC 60Hz
Power Requirements									B	18-36V DC

The Series KF700E Battery-powered Electromagnetic Flowmeter

From 15mm to 600mm, ultra-low power design, no external power supply required for precise flow measurement.



The Series KF700E Battery-powered Electromagnetic Flowmeter features a micropower design and can operate for extended periods on low power. It is powered by lithium batteries, eliminating the need for an external power supply, making it suitable for remote or hard-to-power applications. It offers high measurement accuracy and can achieve remote meter reading and centralized data processing when paired with GPRS equipment. Employing electromagnetic measurement technology, it has no moving parts, enabling precise measurements even for liquids containing impurities, which reduces maintenance requirements. Its specially designed electrodes minimize fouling buildup, and its requirements for upstream and downstream straight pipe sections are minimal.

FEATURES

- Ultra-low power design, especially suitable for flow measurement in remote locations.
- On-site configuration via the display screen to meet application requirements
- Ensures accurate measurement even when temperature, density, or viscosity changes, thereby improving system efficiency;
- Features long service life, low cost, and minimal maintenance needs
- No moving parts, avoiding wear, tear, or damage
- Electrode design with anti-fouling and anti-damage properties
- Adopts an unobstructed flow measurement method, resulting in no pressure loss

APPLICATIONS

- Water Supply and Drainage
- Environmental Protection
- Agricultural Irrigation
- Field Scientific Research Base Station

SPECIFICATIONS

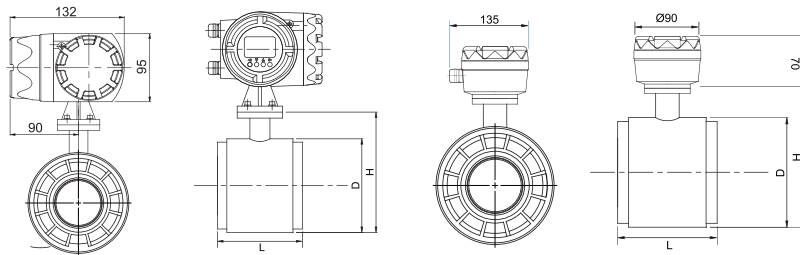
Pipe Size	From DN10 to DN600
Electrode Material	316L; optional: Hastelloy Hc, Hastelloy Hb, titanium alloy (Ti), platinum alloy (Pt), tantalum alloy (Ta)
Liner Material	Optional liners: Neoprene, PTFE, F46, PFA
Service	Conductive liquids compatible with the selected material
Medium Conductivity	>20μs/cm; optional low-conductivity measurement down to 1μs/cm
Accuracy	Within the range: ±1% RD
Flow Velocity Range	0.3m/s - 10m/s
Temperature Rating	Neoprene liner up to 80°C; PTFE liner up to 130°C; F46 liner up to 150°C; PFA liner up to 150°C
Pressure Rating	PN6, PN10, PN16, PN40 (varies by model)
Enclosure Rating	IP65, IP67, IP68 (varies by model)
Output Signal	Passive pulse (for flow calibration only)
Power Requirements	Battery-powered
Electrical Connections	M20*1.5

MODEL CHART

Example	KF700E	-1	-2	-1	-A	-25	-L	-3	-2	
Series	KF700E									Battery-powered Electromagnetic Flowmeter
Converter Type		1								Integrated Type with MF820 Converter
		2								Remote Type with MF820 Converter
Connection			1							VA Thread Type: NPT
			2							VA Thread Type: BSP
			3							FA Flange: PN10
			4							FA Flange: ANSI 150 #RF
			5							FA Flange: JIS10K # RF
			6							KA Tri-clamp Type: DIN
Flange Material				1						A3 Carbon Steel
				2						304 Stainless Steel
				3						316 Stainless Steel
Body Material					A					A3 Carbon Steel
					B					304 Stainless Steel
					C					316 Stainless Steel
Pipe Size						15				DN15, 0.2m³/h - 4m³/h; L x D x K x n-ΦA= 150x105x75mm x 4-Φ14
						25				DN25, 0.5m³/h - 10m³/h; L x D x K x n-ΦA= 150x115x85mm x 4-Φ14
						32				DN32, 0.8m³/h - 16m³/h; L x D x K x n-ΦA= 150x140x100mm x 4-Φ18
						40				DN40, 1.2m³/h - 25m³/h; L x D x K x n-ΦA= 150x150x110mm x 4-Φ18
						50				DN50, 2m³/h - 40m³/h; L x D x K x n-ΦA= 200x165x125mm x 4-Φ18
						65				DN65, 3.5m³/h - 60m³/h; L x D x K x n-ΦA= 200x185x145mm x 8-Φ18
						80				DN80, 5m³/h - 100m³/h; L x D x K x n-ΦA= 200x200x160mm x 8-Φ18
						100				DN100, 8m³/h - 160m³/h; L x D x K x n-ΦA= 250x220x180mm x 8-Φ18
						125				DN125, 12m³/h - 250m³/h; L x D x K x n-ΦA= 250x250x210mm x 8-Φ18
						150				DN150, 18m³/h - 400m³/h; L x D x K x n-ΦA= 300x285x240mm x 8-Φ22
						200				DN200, 30m³/h - 600m³/h; L x D x K x n-ΦA= 350x340x295mm x 8-Φ22
						250				DN250, 50m³/h - 800m³/h; L x D x K x n-ΦA= 400x395x350mm x 12-Φ22
						300				DN300, 70m³/h - 1200m³/h; L x D x K x n-ΦA= 500x445x400mm x 12-Φ22
						350				DN350, 100m³/h - 1600m³/h; L x D x K x n-ΦA= 500x505x460mm x 16-Φ22
						400				DN400, 120m³/h - 2000m³/h; L x D x K x n-ΦA= 600x665x515mm x 16-Φ26
						450				DN450, 160m³/h - 2500m³/h; L x D x K x n-ΦA= 600x615x565mm x 20-Φ26
						500				DN500, 200m³/h - 3000m³/h; L x D x K x n-ΦA= 600x670x620mm x 20-Φ26
						600				DN600, 300m³/h - 4000m³/h; L x D x K x n-ΦA= 600x780x725mm x 20-Φ30
Electrode Material							L			316L Stainless Steel
							C			Hastelloy Hc
							B			Hastelloy Hb
							T			Titanium (Ti)
							P			Platinum (Pt)
							A			Tantalum (Ta)
Liner Material								1		Neoprene Rubber (DN50-DN2000), Temperature Resistance up to 80°C
								2		PTFE (DN25-DN2000), Temperature Resistance up to 130°C
								3		F46 (DN10-DN300), Temperature Resistance up to 150°C
								4		PFA (DN10-DN300), Temperature Resistance up to 150°C
Enclosure Rating									1	IP65
									2	IP67
									3	IP68 (for Remote Type)

The Series KF700P PBT Electromagnetic Flowmeter

From 25mm to 100mm, rigid PBT plastic, lightweight, easy to install



The Series KF700P PBT Electromagnetic Flowmeter exhibits strong resistance to various acids, alkalis, salt solutions, and organic solvents. It operates stably in corrosive fluid environments, is corrosion-resistant with a long service life, lightweight, and easy to install, transport, and maintain. Its main body is made of rigid PBT plastic material, offering product strength suitable for most applications. The sealing material is fluororubber. Equipped with built-in grounding electrodes, it minimizes the influence of user piping materials on instrument measurement, ensuring convenient installation and use. Adopting electromagnetic measurement technology, it has no moving parts, enabling accurate measurement even in applications where liquids contain impurities, with extremely low post-operation maintenance workload. Its specially designed electrodes can reduce dirt accumulation, and it has minimal requirements for straight pipe sections at the front and rear. This series of products can measure liquids with a conductivity as low as 1µs/cm. All models are equipped with indicators for instantaneous flow and totalized flow. They come with 4-20mA output and pulse output, which are used in applications such as remote display or control, data acquisition, and remote measurement.

FEATURES

- Corrosion-resistant and long service life, lightweight and easy to install.
- On-site configuration via the display screen to meet application requirements
- Ensures accurate measurement even when temperature, density, or viscosity changes, thereby improving system efficiency;
- Features long service life, low cost, and minimal maintenance needs
- No moving parts, avoiding wear, tear, or damage
- Electrode design with anti-fouling and anti-damage properties
- Adopts an unobstructed flow measurement method, resulting in no pressure loss

APPLICATIONS

- Metallurgical Industry
- Textile Industry
- Pharmaceutical Industry
- Semiconductor Industry
- Food and Beverage Industry
- Environmental Protection
- New energy industry
- Shipbuilding Industry

SPECIFICATIONS

Pipe Size	From DN25 to DN100
Electrode Material	316L; optional: Hastelloy Hc, tantalum alloy (Ta)
Liner Material	PBT
Service	Conductive liquids compatible with the selected material
Medium Conductivity	>20µs/cm; optional low-conductivity measurement down to 1µs/cm
Accuracy	Within the range: ±0.5% RD; ±0.2% RD (optional)
Flow Velocity Range	0.3m/s - 10m/s
Temperature Rating	-25°C to 100°C
Pressure Rating	PN6, PN10 (varies by model)
Enclosure Rating	IP67
Output Signal	4-20mA + pulse + RS485
Power Requirements	Optional: 85-265V AC 50Hz, 85-265V AC 60Hz, or 18-36V DC
Electrical Connections	M20*1.5
Process Connections	Wafer Type

MODEL CHART

Example	KF700P	-A1	-25	-L	-Wafer	-2	-A1
Series	KF700P						PBT Electromagnetic Flowmeter
Converter Type		A1					Integrated Type with MF710 Converter
		B3					Remote Type with MF730 Converter
			25				DN25, 0.5m³/h - 10m³/h; L x D x H = 68x72x113mm, 4-M12*138
Pipe Size			32				DN32, 0.8m³/h - 16m³/h; L x D x H = 80x82x123mm, 4-M16*150
			40				DN40, 1.2m³/h - 25m³/h; L x D x H = 90x93x134mm, 4-M16*175
			50				DN50, 2m³/h - 40m³/h; L x D x H = 95x108x148mm, 4-M16*184
			65				DN65, 3.5m³/h - 60m³/h; L x D x H = 102x124x164mm, 4-M16*191
			80				DN80, 5m³/h - 100m³/h; L x D x H = 110x138x178mm, 8-M16*200
			100				DN100, 8m³/h - 160m³/h; L x D x H = 130x158x198mm, 8-M16*220
Electrode Material				L			316L Stainless Steel
Process Connection					Wafer		Wafer Type
Output Signal						2	4-20mA + Pulse + RS485
Power Requirements						A1	85 - 265V AC 50Hz
						A2	86 - 265V AC 60Hz
						B	18 - 36V DC

The Series KF700M/700MD Mini Electromagnetic Flowmeter

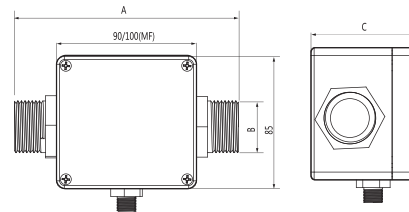
From DN2 to DN25, with a minimum measurable flow of 100 milliliters per minute



KF700M



KF700MD



The Series KF700M/700MD Mini Electromagnetic Flowmeter can measure extremely low flow rates in small pipeline systems. It has a compact design and is suitable for narrow-space pipe or equipment systems, such as small production equipment and laboratory devices where installation space is limited. Available in sizes ranging from DN2 to DN25 with a minimum measurable flow rate of 100 ml/min, its compact size and threaded connection allow easy installation, making it the preferred replacement for turbine flowmeters. Powered by 24V DC, it outputs pulse signals or 4-20mA current signals with factory-set pulse equivalents. Designed for remote display/control, data acquisition, and remote measurement applications.

FEATURES

- Pipe size from DN2 to DN25, with a minimum measurable flow of 100 milliliters per minute
- Ensures accurate measurement even when temperature, density, or viscosity changes, thereby improving system efficiency
- Features long service life, low cost, and minimal maintenance needs
- No moving parts, avoiding wear, tear, or damage
- Electrode design with anti-fouling and anti-damage properties
- Adopts an unobstructed flow measurement method, resulting in no pressure loss

APPLICATIONS

- Petrochemical Industry
- Metallurgical Industry
- Textile Industry
- Pharmaceutical Industry
- Semiconductor Industry
- Food and Beverage Industry
- Paper and Pulp
- Power Plants
- Urban Water Supply and Drainage
- Environmental Protection
- Shipbuilding Industry

SPECIFICATIONS

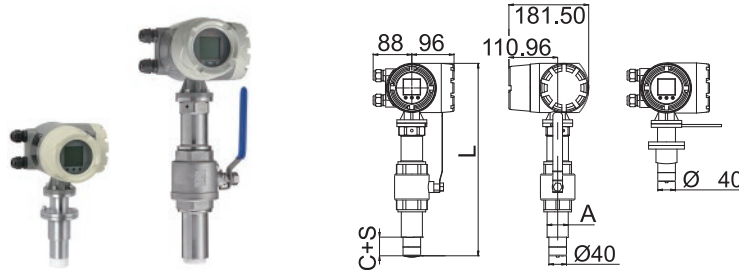
Pipe Size	From DN2 to DN25
Electrode Material	316L; optional: Hastelloy Hc, titanium alloy (Ti)
Service	Conductive liquids compatible with the selected material
Medium Conductivity	>20μs/cm
Accuracy	±2%RD
Flow Velocity Range	0.3m/s - 10m/s
Temperature Rating	-10°C to 60°C
Pressure Rating	PN6, PN10
Enclosure Rating	IP67
Output Signal	4-20mA + pulse + RS485
Power Requirements	24V DC
Electrical Connections	M20*1.5
Housing Material	Aluminum

Model Chart

Example	KF700M	-A	-6	-1	-L	-1	-1	-NPT	
Series	KF700M								Mini Electromagnetic Flowmeter
	KF700MD								Mini Electromagnetic Flowmeter with LCD Displayer
Converter Type		A							Integrated Type
Pipe Size			2						DN2, BSP 3/8" male, 0.1 - 1 L/min, A x C = 130x67.5
			3						DN3, BSP 3/8" male, 0.2 - 2 L/min, A x C = 130x67.5
			4						DN4, BSP 3/8" male, 0.4 - 4 L/min, A x C = 130x67.5
			6						DN6, BSP 3/8" male, 0.8 - 8 L/min, A x C = 140x67.5
			8						DN8, BSP 1/2" male, 1.5 - 15 L/min, A x C = 140x67.5
			10						DN10, BSP 1/2" male, 2 - 20 L/min, A x C = 140x67.5
			15						DN15, BSP 1/2" male, 5 - 50 L/min, A x C = 140x67.5
			20						DN20, BSP 3/4" male, 9 - 90 L/min, A x C = 150x67.5
			25						DN25, BSP 1" male, 15 - 150 L/min, A x C = 160x67.5
Connection Material				1					316L Stainless Steel
Electrode Material					L				316L Stainless Steel
					C				Hastelloy Hc
					T				Titanium (Ti)
Process Connection						1			Thread
						2			Clamp
						3			Flange
Output Signal							1		4-20mA + Pulse(Not isolated)
							2		4-20mA + Pulse + RS485(Only for KF700MD)
Option								NPT	Change to NPT Connection

The Series KF700H Insertion Electromagnetic Flowmeter

From DN50 to DN2000, Opening a hole for installation, reducing installation workload, costs, and time.



The Series KF700H Insertion Electromagnetic Flowmeter can be directly installed by drilling a hole on the pipeline, without pipe cutting, reducing construction workload, cost and time. It is also suitable for retrofitting existing pipeline systems, allowing installation and disassembly with water supply uninterrupted. As an economical electro-magnetic flowmeter, it is used in HVAC systems. Adopting electromagnetic measurement technology, it has no moving parts, enabling accurate measurement. Its specially designed electrodes can reduce dirt accumulation, and it has minimal requirements for straight pipe sections at the front and rear. They come with 4-20mA output and pulse output, which are used in applications such as remote display or control, data acquisition, and remote measurement.

FEATURES

- Opening a hole directly on the pipe for installation, without cutting the pipe.
- On-site configuration via the display screen to meet application requirements
- Ensures accurate measurement even when temperature, density, or viscosity changes, thereby improving system efficiency;
- Features long service life, low cost, and minimal maintenance needs
- No moving parts, avoiding wear, tear, or damage
- Electrode design with anti-fouling and anti-damage properties
- Adopts an unobstructed flow measurement method, resulting in no pressure loss

APPLICATIONS

- HVAC System
- Textile Industry
- Pharmaceutical Industry
- Semiconductor Industry
- Food and Beverage Industry
- Urban Water Supply and Drainage
- Environmental Protection
- New energy industry
- Shipbuilding Industry

SPECIFICATIONS

Pipe Size	From DN50 to DN2000
Electrode Material	316L Stainless Steel
Liner Material	PTFE
Service	Conductive liquids compatible with the selected material
Medium Conductivity	$\geq 20\mu\text{S/cm}$
Accuracy	$\pm 2\% \text{RD}$
Flow Velocity Range	0.3m/s - 10m/s
Temperature Rating	-25°C to 80°C
Pressure Rating	PN6, PN10
Enclosure Rating	IP67
Output Signal	4-20mA + pulse + RS485, optional: HART
Power Requirements	Optional: 85-265V AC 50Hz, 85-265V AC 60Hz, or 18-36V DC
Electrical Connections	M20*1.5
Installation Type	Optional with ball valve

Model Chart

Example	KF700H	-A2	-300	-1	-L	-B	-1	-xxxx	-xxxx	
Series	KF700H									Insertion Electromagnetic Flowmeter
Converter Type		A2								Integrated Type with MF720 Converter
		B3								Remote Type with MF730 Converter
Pipe Size			50							DN50; Normal flow: 35m³/h; L x A x C x S: 438 x 48 x 6.25 x 3mm
			80							DN80; Normal flow: 90m³/h; L x A x C x S: 438 x 48 x 10 x 3mm
			100							DN100; Normal flow: 140m³/h; L x A x C x S: 438 x 48 x 12.5 x 3mm
			125							DN125; Normal flow: 200m³/h; L x A x C x S: 438 x 48 x 15.625 x 3mm
			150							DN150; Normal flow: 300m³/h; L x A x C x S: 438 x 48 x 18.75 x 3mm
			200							DN200; Normal flow: 600m³/h; L x A x C x S: 438 x 48 x 25 x 3mm
			250							DN250; Normal flow: 900m³/h; L x A x C x S: 438 x 48 x 31.25 x 3mm
			300							DN300; Normal flow: 1200m³/h; L x A x C x S: 438 x 48 x 37.5 x 3mm
			350							DN350; Normal flow: 1800m³/h; L x A x C x S: 438 x 48 x 43.75 x 3mm
			400							DN400; Normal flow: 2000m³/h; L x A x C x S: 438 x 48 x 50 x 3mm
			500							DN500; Normal flow: 3500m³/h; L x A x C x S: 438 x 48 x 62.5 x 3mm
			600							DN600; Normal flow: 5000m³/h; L x A x C x S: 438 x 48 x 75 x 3mm
			700							DN700; Normal flow: 7000m³/h; L x A x C x S: 438 x 48 x 87.5 x 3mm
			800							DN800; Normal flow: 9000m³/h; L x A x C x S: 438 x 48 x 100 x 3mm
			900							DN900; Normal flow: 11000m³/h; L x A x C x S: 438 x 48 x 112.5 x 3mm
			1000							DN1000; Normal flow: 15000m³/h; L x A x C x S: 438 x 48 x 125 x 3mm
Liner Material				1						PTFE
					L					316L Stainless Steel
Installation type						1				With 304 stainless steel Ball Valve
						2				Without Ball Valve
Power Requirements						A1				85-265V AC 50Hz
						A2				86-265V AC 60Hz
						B				18-36V DC
Output Signal							1			4-20mA + Pulse
							2			4-20mA + Pulse + RS485
							3			4-20mA + Pulse + HART
Pipe Size								xxxx		Pipe outer diameter dimensions
									xxxx	Pipe wall thickness dimensions