

FEATURES

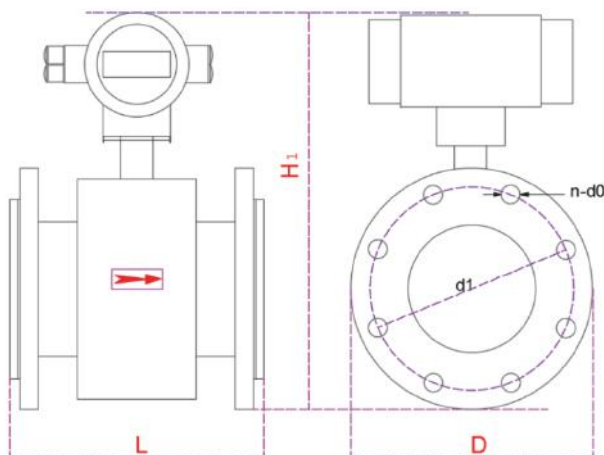
- High precision, linearity and stability.
- Good reliability and anti-interference performance.
- Good pressure tightness and high degree of intelligence.
- No pressure loss, low requirements for straight pipe sections.
- Good corrosion resistance and wear resistance.
- The converter can be integrated or separated from the sensor.
- Two-way measuring system, which can measure forward flow and reverse flow.
- Adopt special production technology and high-quality materials to ensure the stability of product performance for a long time.



SPECIFICATION

Drift diameter	10-3000mm
Output signal	4-20mA, HART, RS485 (optional)
Accuracy	0.5%
Power Supply	20-36VDC, 85 - 250VAC, battery powered
Nominal pressure	1.6MPa, 1.0MPa, 0.6MPa (2.5MPa and 4.0Mpa can be customized)
Lining material	Neoprene rubber, Polytetrafluoroethylene (PTFE), Polyurethane rubber, Fluorinated Ethylene Propylene (FEP), PFA, Ceramic, etc.
Connect flange material	Carbon steel, Stainless steel (304, 316, 316L)
Signal electrode form	Stationary type, Scraper type
Protection grades	IP65, IP68
Transmission distance	Split electromagnetic flowmeter, sensor and converter are connected by signal cable, and the cable length should be less than 100m.
Maximum velocity	15m/s
Electrical connection	Flange connection, clamp connection, thread connection
Fluid conductivity	> 50 μ S/cm
Consumed power	< 20W
Ambient temperature	-10 $^{\circ}$ C-60 $^{\circ}$ C
Electrode material	316L, hastelloy B, hastelloy C, titanium, tantalum, platinoiridium, tungsten carbide
Ground ring material	316L, hastelloy B, hastelloy C, titanium, tantalum, platinoiridium, tungsten carbide
Number of electrodes	Standard 3 electrodes (Two measuring electrodes, one ground electrode)

DIMENSION IN:MM



PRODUCT APPLICATION

- Chemical fiber, Food, papermaking, refine sugar, mining and metallurgy, water supply and drainage, environmental protection.
- Water conservancy workers, iron and steel, petroleum, make medicine, beer, Wheat juice, All kinds of drinks.
- Corn steep liquor, Fiber pulp, syrup, lime cream, sewage, Cooling raw water.
- Drainage water, saline water, aquae hydrogenii dioxidi, black liquor, and other fluid which can conduct electricity.

ORDER REF NO.

Code and description											Type
LFLD											Electromagnetic flowmeter
DN	10-200-3000										Drift diameter
	1.6	(DN10-DN200)									Nominal pressure
	1.0	(DN250-DN1000)									
	0.6	(DN1200-DN2000)									
	0.6	(DN2200-DN3000)									
	XX	Special customization									
	1	Polytetrafluoroethylene (PTFE)									Lining material
	2	Neoprene rubber									
	3	Polyurethane									
	4	Fluorinated Ethylene Propylene(FEP)									
	5	Screening PFA									
	1	316L stainless steel		4	Titanium		7	Stainless steel coated with tungsten carbide		Electrode material	
	2	HB		5	Platinum						
	3	HC		6	Tantalum						
	1	IP65									Shell protection
	2	IP68+IP65(sensor IP68+converter IP65)									
	0	No									Explosion-proof sign
	1	Ex db ib q IIC T6 Gb									
	0	No									Accessory
	1	Flanges									
	1	Er split type, English and Chinese menu									Structure
	2	Eh integrated type, English and Chinese menu									
	☆	10m cable equipped for split type flowmter. Cable longer than 10m shall need customization.									
	1	85-250VAC									Power Supply
	2	20-36VDC									
3	Battery powered										
MB	Key button, double-row display, standard output, Rs485									Converter Type	
LB	Key button, double-row display, standard output, RS485、\HART										
LFLD-DN50 1.6 1 1 1 1 0 1 1 MB											Selection Example