

LFLD
Electromagnetic
Flowmeter

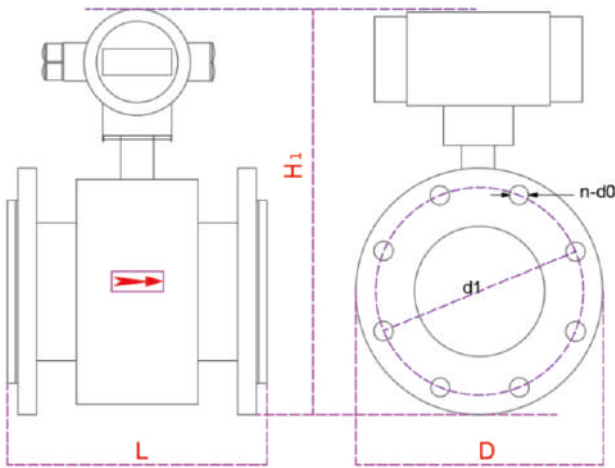
FEATURES

- High accuracy, Linearity and Stability.
- Good reliability and Anti-interference performance.
- Good pressure sealing and High intelligence.
- No pressure loss, lower requirements for straight pipe section.
- Good corrosion resistance and wear resistance.
- The converter can be in the same shape or separate form with the sensor.
- Two-way measurement system, which can measure forward flow and reverse flow.
- Special production process and high quality materials are adopted to ensure that the performance of products remains stable for a long time.

SPECIFICATION

Latus rectum	10~3000mm
Output Signal	4~20mA, HART, RS485
Comprehensive precision	0.5
Power Supply	220VAC, 24VDC
Nominal pressure	1.6MPa, 1.0MPa, 0.6MPa
Lining material	Neoprene rubber, polytetrafluoroethylene, polyammonia-vinegar rubber, polyperfluorinated ethylene propylene, PFA, ceramics, etc
Connecting flange material	Carbon steel, stainless steel(304, 316, 316L)
Signal electrode form	Fixed, scraper type
Protection	IP65, IP68
Transmission distance	Split type electromagnetic flowmeter. The sensor and converter are connected by a signal cable, the cable length should be less than 100m
Peak flow rate	15m/s
Electrical Connection	Terminal
Electrical Connection	$\geq 50\mu S/cm$
Consumed power	$< 20W$
Environmental temperature	-25℃~60℃
Electrode material	316L, HastelloyB, HastelloyG, Titanium, tantalum, platinum-iridium alloy, tungsten carbide
Ground ring material	Stainless steel 1Cr18Ni9Ti
Number of electrodes	Standard 3 electrodes (two measuring electrodes, one impact electrode)
Certification	CE, ROHS

DIMENSION



APPLICATION

- Chemical fiber, food, paper making, sugar, mining and metallurgy, water supply and drainage, environmental protection.
- Hydraulic engineering, iron and steel, petroleum, pharmaceutical, beer, wort, all kinds of drinks.
- Corn pulp, fiber pulp, syrup, lime milk, sewage, cooling raw water.
- Drainage, salt water, hydrogen peroxide, black liquor and other conducting fluid media flow.

ORDER REF NO.

Code and description											Type	
LFLD											Electromagnetic flowmeter	
DN	10 · · 200 · · 3000										Diameter	
	1.6	(DN10-DN200)									Nominal pressure	
	1.0	(DN250-DN1000)										
	0.6	(DN1200-DN2000)										
	0.6	(DN2200-DN3000)										
	XX	Special customized										
	1	Teflon(HG)									Lining material	
	2	Polychloroprene rubber										
	3	polyurethane										
	4	Polyperfluoroethylene propylene										
	5	And network PFA										
	1	Stainless steel0Cr18Ni12Mo2T			4	titanium	7	Stainless steel coated with tungsten carbide			Electrode materials	
	2	The type of alloyB			5	Platinum-iridium alloy						
	3	The type of alloyC			6	tantalum						
	1	I P65									Shell protection	
	2	IP68+1P65 (The sensor is polychloroprene rubber sensor IP68+ converter IP65 or polyurethane -explosion-proof separation type is optional)										
	0	None									Explosion-proof marks	
	1	Exdm IICT4 (No acetylene) (A shape, I P65、Magnetic bond or no display)										
	2	Exdm IICT4 (No acetylene) (separation type, IP65、Magnetic bond or no display)										
	3	Exdm IIT4 (No acetylene) (separation type、I P65、Converter in safe zone)										
	0	None		2	grounding electrode		4	Electrode scraper mechanism			Attachment	
	1	grounding electrode		3	Inlet protection flange							
	1	Erseparation type, Chinese and English Menu									Structure	
	2	Eh A shape, Chinese and English Menu										
	☆	Separate type special cable with meter 10M , More than 10 M needs to be customized.										
	1	85-265V		45-400Hz								Power
	2	11-40VDC										
	MA	MA Key, double line display, output standard										Converter form
MB	MB Key, double line display, output standard, RS485											
LA	LA Key, double line display, output standard											
LB	LB Key, double line display, output standard, RS485, HART											
AA	AA Key, English menu, double line display, output standard, RS232											
LFLD-DN50	1.6	1	1	1	1	0	1	1	MA	Selection example		