

Electromagnetic Flowmeter

innoMag 300

The innoMag 320 uses advanced technology and intelligent measurement algorithms to measure not only low conductive liquids, but also highly corrosive liquids such as acids, alkalis, salts, etc. The innoMag 320 electromagnetic flowmeter is available in a wide range of sensors and lining materials for potable water and wastewater treatment, foodstuffs, chemical industry, irrigation, iron and steel mills, paper mills, and most other operating environments.

Measurement parameters

Instantaneous flow , cumulative flow

Applications

Water Treatment、Steel/Paper Mill、Chemical Industry、Mining and metallurgy



Features

- Measurement is independent of pressure, temperature, density and flow rate.
- Bi-directional measurement is possible
- High accuracy
- Easy operation and installation
- No piping pressure loss
- Can be used for solid-containing liquid media (depending on operating conditions)

Technical parameter

Model:	innoMag 300
Structure type:	S integrated type, L split type
Caliber range:	DN10~DN2000
Measuring range:	0.2m3/h~30000m3/h
Accuracy:	±0.5%
Repeatability:	±0.1%
Display:	backlight liquid crystal display
Installation:	flange connection can be customized clamping type
Medium conductivity:	≥10μS/cm
Electrode material:	16 stainless steel, Hastelloy C, tantalum, titanium
Lining material:	PTFE: DN10 ~ DN1000, rubber: DN50 ~ DN2000
Shell material:	controller: aluminum, sensor: carbon steel, stainless steel
Temperature :	PTFE : -40~150°C, Rubber : -10~80°C
Ambient temperature:	-20~70°C
Signal output:	4~20mA, Max. 750Ω, pulse output, frequency output
Communication protocol:	MODBUS (standard), HART (optional)
Power supply:	85~260VAC or 24VDC

Order Guide

innoMag 300	—	□	□	—	□	□	□	□	□	□
	Pipe Diameter	Combination	Electrode	Installation	Lining	Interface	Power supply	Max.		
	mm	S Integrate	S 316L	1 Flange type	F PTFE	1 No communication	1 1-220VAC	Current		
		L Remote	B Hastell B	2 Clamping type	X Neoprene	2 RS485 Modbus	2 124VDC			
		C Hastell C	3 Insertion type	A Polyurethane	3 Hart	3 Hart				
		D Tantalum			4 Other	4 Other				
		T Titanium								
		P Platinum								