



JiuYuHub

Fluid Control Instrument Series



Sanitary Electromagnetic Flowmeter

SE13E

Product Technical Specification | July 2026

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Product Overview

The SE13E sanitary electromagnetic flowmeter offers $\pm 0.5\%$ accuracy, 10-125mm. F46/PFA sanitary liner, 316L/Hastelloy-C/Titanium electrodes, tri-clamp/threaded quick connect. Prevents media residue accumulation. Ideal for food, beverage, and pharmaceutical sanitary flow measurement.

- $\pm 0.5\%$
- Sanitary
- 10-125mm
- Tri-Clamp
- F46/PFA

Key Features



Sanitary Design
F46/PFA liner + tri-clamp/threaded QC, prevents residue.



Quick-Connect Easy Disassembly
Clamp connection for easy maintenance and cleaning.



Bluetooth+4-20mA
Bluetooth APP setup + 4-20mA.



IP65/67/68
Standard IP65; optional submersible.



32-bit High-Speed
Fast computation, high accuracy.



Programmable Excitation
Low-frequency square wave for stability.

Technical Specifications

Parameter	Specification
Model	SE13E
Principle	Faraday electromagnetic induction
Media	Conductive liquids
Accuracy	$\pm 0.5\%$
Repeatability	0.16%
Size	10-125 mm
Conductivity	$\geq 5 \text{ uS/cm}$ (>20 for softened)
Fluid Temp.	-25-200C
Pressure	1.0 MPa
Flow Velocity	0.5-10 m/s
Direction	Bi-directional
Electrode	316L/Hastelloy C/Titanium
Liner	F46/PFA
Electrodes	2
Tube	304 SS
Connection	Tri-clamp / Threaded
Mounting	Tri-clamp / Threaded

Protection	IP65/67/68
Power	220VAC/24VDC
Output	4-20mA/Freq./Pulse/Bluetooth
Comm.	HART/Modbus
Hazardous	Non-Ex/Ex-d
Construction	Compact / Remote
Straight Run	5D up, 3D down
Maintenance	Quick-connect design for easy disassembly and cleaning

Typical Applications

- ▶ Food & beverage sanitary flow
- ▶ Pharma process flow
- ▶ CIP system flow monitoring
- ▶ Milk/beer/beverage filling lines
- ▶ Biotech fermentation flow

Ordering Guide

Product Code	Description
SE13E	Tri-clamp/threaded sensor + transmitter (compact/remote)

Accessories/Consumables

Accessory	Specification	Note
Clamp Gasket	FKM/PTFE	Standard
Quick Clamp	SS	Standard

Why Choose Jiuyuhub

 App-First Matching Recommendations based on your conditions.	 SE Asia Adapted Optimized for tropical environments.
 One-Stop Supply Water + fluid control + flow measurement.	 24-Hour Response Fast response to inquiries.

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