



JiYuHub

Fluid Control Instrument Series



Insertion Electromagnetic Flowmeter

SE14B

Product Technical Specification | July 2026

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Product Overview

The SE14B insertion electromagnetic flowmeter features $\pm 2.0\%$ accuracy, 100-1000mm range. Simple structure, no moving parts, 316L electrode + PVDF liner, flange/ball valve mounting. IP65/67/68, 220VAC/24VDC, 4-20mA/Bluetooth/HART/Modbus. Scale markings for insertion depth. Ideal for economical large pipe flow measurement.

- $\pm 2.0\%$
- 100-1000mm
- PVDF
- Bluetooth+4-20mA
- Economical

Key Features



Simple Structure

No moving parts, long service life.



Scale Marking

Rod markings for insertion depth adjustment.



Bluetooth+4-20mA

Bluetooth APP setup + 4-20mA.



IP65/67/68

Standard IP65; optional submersible.



316L+PVDF

316L electrode + PVDF liner, corrosion resistant.



100-1000mm

Economical solution for large pipe flow.

Technical Specifications

Parameter	Specification
Model	SE14B
Principle	Faraday electromagnetic induction
Media	Conductive liquids
Accuracy	$\pm 2.0\%$
Repeatability	0.66%
Size	100-1000 mm
Conductivity	$\geq 5 \text{ uS/cm}$ (>20 for softened)
Fluid Temp.	-25-120C
Pressure	1.6/2.5 MPa
Flow Velocity	0.5-6 m/s
Direction	Bi-directional
Electrode	316L
Liner	PVDF
Electrodes	2
Rod	304 SS
Connection	SS
Mounting	Flange / Ball Valve

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	No moving parts; electrode replaceable online

Typical Applications

- ▶ Municipal large pipe flow
- ▶ Circulating water large pipe
- ▶ WWTP large pipe flow
- ▶ Industrial water large pipe
- ▶ Building/park water supply network

Ordering Guide

Product Code	Description
SE14B	Insertion sensor + transmitter (compact/remote)

Accessories/Consumables

Accessory	Specification	Note
Ball Valve Kit	—	Standard
Mounting Base	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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