



JiuYuHub

Fluid Control Instrument Series



Ultra-Compact Insertion Electromagnetic Flowmeter

SE14C

Product Technical Specification | July 2026

Nanjing Jiuyuhui Environmental Technology Co., Ltd.
www.jiuyuhub.com

Product Overview

The SE14C ultra-compact insertion electromagnetic flowmeter features $\pm 2.0\%$ accuracy, 100-1000mm range. 24VDC powered, compact all-in-one design. 316L electrode + PVDF liner, hot-tap for installation/removal without flow interruption. Bluetooth/4-20mA/HART/Modbus. Ideal for economical large pipe flow measurement.

- $\pm 2.0\%$
- Ultra-Compact
- 24VDC
- Hot-Tap
- 100-1000mm

Key Features



Ultra-Compact

24VDC, all-in-one design, small size, light weight.



Hot-Tap

Install/remove without flow interruption, easy maintenance.



Bluetooth+4-20mA

Bluetooth APP setup + 4-20mA.



IP65/67/68

Standard IP65; optional submersible.



Scale Marking

Rod markings for insertion depth adjustment.



316L+PVDF

Corrosion-resistant material combination.

Technical Specifications

Parameter	Specification
Model	SE14C
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	24VDC
Output	4-20mA/Bluetooth
Comm.	HART/Modbus
Hazardous	Non-Ex/Ex-d
Construction	Compact
Straight Run	5D up, 3D down
Maintenance	Hot-tap type; maintenance without flow interruption

Typical Applications

- ▶ Economical large pipe flow
- ▶ Circulating water pipe network
- ▶ WWTP large pipe flow
- ▶ Building/park pipe flow
- ▶ Industrial water pipe economical

Ordering Guide

Product Code	Description
SE14C	Compact insertion sensor + transmitter (all-in-one)

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.

This product is supplied and serviced locally by Jiuyuhub. Product images are for illustrative purposes only.