**Jinbo Marine**

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

MARINE FLOW METER

# SF Series intelligence Flow Integrating Instruments

ISO9001 Supplier

Class Certificate

Export Supply

Overview SF Series intelligence Flow Integrating Instruments applies to match with many kinds of flow meter sensor or transmitter for display or integrating signals of flow, temperature, pressure, etc. Fun...


## Key Highlights

| | |
|---|---|
| Category | Marine Flow Meter |
| Standard | ISO |
| Certificate | ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS |

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

## Technical Specifications

| | | | |
|---|---|---|---|
| Category | Marine Flow Meter | Model / SKU | SF-Series-intelligence-Flow-Integrating-Instruments |
| Standard | ISO | Certificate | ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS |
| Warranty | 12 Months unless specified otherwise | Origin | China |

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## Overview

SF Series intelligence Flow Integrating Instruments applies to match with many kinds of flow meter sensor or transmitter for display or integrating signals of flow, temperature, pressure, etc.

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## Function

Calculate and accumulate mass flow automatically; Calculate and accumulate standard volume flow automatically; Display instant and accumulate flow value simultaneously (totalizer unit are optional);

Switch the display among instant/accumulative flow value, differential pressure value, frequency value, temperature/pressure compensation measured value;

Set cutoff value for small flow signal (no accumulation when instant flow less than set value);

Compensation: Automatic compensation for temperature/ pressure/both

Signal input: Current: 0~10mA or 4~20mA, Voltage: 0~5V or 1-5V ( or mV) and Resistance: thermal resistance PT100

Analog output: Direct current: 0~10mA or 4~20mA output, load 0-500Ω

Direct Voltage: 0~5V or 1~5V output (load no more than 250 Ω)

Output signal switch: Output signal: 0~10mA / 0~5V, 4~20mA/1~5V

Data storage and lock:

Set data permanent preservation after power off, then the accumulate flow value will be preserved permanently; set the parameter lock function, which could protect the set values of automatic compensation for temperature, pressure, or temperature and pressure by encipherment.

## Technique Data

Input signal

Analog input: Resistance: PT100; Current: 0~10mA or 4~20mA; Galvanic couple: K; E; Voltage: 0~5V, 1-5V (or mV)

On-off input: start, stop, reset Range: photoelectric isolation input more than 4 V ( or customized)

Output signal

Analog output:0-10mA≤750Ω, 4-20mA≤500Ω, 0-5V≤250Ω, 1-5mA≤250Ω

Using Environment

Ambient Temperature: 0~50°C Relative Humidity: ≤85%RH

Power Supply: AC 220V+15% (50Hz+2Hz)

AC 90~260V (Switch Power) DC 24V±2V (Switch Power)

Get rid of Strong Corrosive Gas

Power Consumption

≤5W (AC 220V power supply), ≤4W (AC 90~260V switch power supply), ≤4W (DC 24V power supply)

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