

MARINE FLOW METER

PSYN-400 Batch controller

General PSYN-400 Batch controller is a kind of intelligent control instrument adopting PLC technology of SEMENZ.It has features of highlight LCD display with back light, compact structure, high stability, temper...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Marine Flow Meter
Standard	DIN
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	PSYN-400-Batch-controller
Standard	DIN	Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
Warranty	12 Months unless specified otherwise	Origin	China

CONTENTS

■ General

■ Main Technical Datum

General

PSYN-400 Batch controller is a kind of intelligent control instrument adopting PLC technology of SEMENZ.It has features of highlight LCD display with back light, compact structure, high stability, temperature and pressure compensation, password protection and intelligent read-in & read-out IC Card. It works matching with flowmeter and valves to achieve auto-loading/unloading oil truck/tanker by control the pump or valve. It also can be matched with upper industrial computer to buildup auto loading/unloading control system, while the upper industry computer has the functions of monitor, control, report, query and print and so on.

Main Technical Datum

1. Flow signal input:

Voltage pulse with Two/Three wire system: Range: DC12V~DC24V;

Signal Frequency:(1~20k) Hz

2. Temperature signal input:

Temperature transmitter with Two/Three wire system and DC+24V, (4~20) mA, can set the temperature bound.

3. Pressure signal input:

Pressure transmitter with Two/Three wire system and DC+24V, (4~20) mA, can set the pressure bound.

4. Pump control signal output:

Dry contact control, passive and normally open

single-contact control, passive and normally open double-contact control.

5. Valve control signal output:

Control valve: pneumatic or electric actuator, 4-20mA output control.

Electro-hydraulic valve: DC24V or AC220V on-off output control.

Pneumatic valve on both ends: DC24V or AC220V on-off output control, can set delay time.

Electric switch valve: DC24V or AC220V on-off output control, unadjustable.

6. Grounding overflow signal input detection: on-off output(design the detection circuit inside device)

7. Other technical parameter:

Electrical Interface:G3/4

Communication:RS-485 Standard Interface

Max. Counter: 99999999(Cycling counting)

Ration Range: 0.01 ~9.99999

Pulse Equivalent Range: 0.0001 ~99.9999

Density Set Range: 0.001 ~9.9999

Time Interval(Load truck, ship or barrel): 1 ~999Second,

Batch Number: 1 ~999

Datum Save: Power-Off Datum Auto-save

Power: AC220V($\pm 15\%$), 50Hz or 24V DC

Ambient Temp.: -20°C ~+50°C ;

System Accuracy: $\geq 0.02\%$