

JK-I electric controller



General Introduction

JK-1 is designed to control the flow by setting the operation cycle of the pumps. It is a controller for JWM-A series mechanical actuated diaphragm, which is simple, small, compact and easy operation. It can be used in many fields, including medicine, chemical, petroleum, electric power, food, water treatment, paper making, A-energy

Standard Features

- Compact size, easy operation
- Compact design does not require additional pump floor space
- Control circuitry is self-contained. No wall cabinets to mount and wire in.
- Uses pump power.

Specification

- Environment Temp: 0-45°C; Relative humidity: <85%
- Electric power: 110V/220V/380V±50HZ/60HZ
- Maximum Power Consumption: 20VA
- Maximum Loading power: 90W
- Control range: 0-100%
- Received remote signal: 4-20mA
- Input signal: 4-20mA
- Motor operation cycle: 20S
- Operation Cycle: 1-20S
- Response time: less than 20 mS
- Precision: ±0.5% (rated capacity)

DCK stroke actuator



General Description

The Electric Actuator can change the location of adjustable screw by the input control signal to change the length of stroke of the metering pump, then, adjusts the capacity of the metering pump automatically.

Specification

- Input power(standard): 220V \pm 10%, 1 phase, 50/60Hz
- Adjust speed: 16 s/round
- Power: 20 VA
- IP65
- Relative humidity: 90% (25;æ)
- Input control signal(standard): 4~20mA (120 ohm input impedance)
- Output feedback signal: 4~20mA (120 ohm input impedance)
- EMC(Electric Magnetic Compatibility) of Signal cable: following EN50081-1& EN50082-2

JSK-II Digital Controller



Features

- Display single time accumulative flow
- Display total accumulative flow
- Digital frequency control
- Operating period
- With the function liquid level controlling
- Long-distance controlling the operation and stop
- With the function showing the situation of work
- With the function showing the trouble of system and output of the alarm
- With the function receiving 4~20mA signal to achieve auto control
- With the function receiving Hall signal to achieve ration control and long-distance operation

Parameters

Ambient Temp: 0~50 ℃

Input control signal (standard): 4~20mA

Supply power (standard): 220V±10%, 1 phase, 50HZ

Highest loaded power: 380V/50HZ, 0.55KW

Input signal:

4~20mA simulation signal

Hall signal:: using untouching Hall signal, to change pluse signal for flow signal

Wave: rectangle

Extent: over 3.5V

Output voltage: ±12 V DC

Performance:

Flow precision: < ±0.5%

Pulse: 1 pulse

Supply power: 220 V AC ±1%, 50HZ±1%

Power: < 5 W

Delicacy: < 0.2 S

Ambient : 0~45 ℃, relative humidity: > 85%