

WG600F Intelligent Industrial Peristaltic Pump

WG600F Intelligent Industrial Peristaltic Pump Introduction

The pump is suitable for transferring and dispensing large amount of fluid in industry. One channel flow range: 0.01-13L/min; speed range: 0.1-600 rpm. It can cascade two pump heads. It adopts the brushless servo motor drive with large torque, free maintenance, high rotating accuracy. Having basic functions: such as reversible direction, start/stop, full speed (fast cleaning) and speed-variable. The pump has three types of distributing mode: time dispensing mode; volume dispensing mode; copy dispensing mode, meets all kinds of complex dispensing requirements. RS485 interface, as adopting the MODBUS communication protocol, the pump is easier to be connected with other equipments, such as computer, human machine interface and PLC.

Function and feature



- One channel flow range: 0.01-13(L/min)
 - Applicable pump head: YZ35, 2xYZ35.
 - Brushless servo motor drive with large torque, no maintenance, high rotating accuracy.
 - The circuit board with conformal coating makes it dust-proof and moisture-proof.
 - Color LCD displaying, touch screen and keypad for operating.
 - Reversible direction, start/stop and full speed, state memory (power-down memory).
 - Speed resolution: <0.1rpm, speed accuracy : <0.5%
 - Calibrating flow function.
- Three types of distributing mode: time dispensing mode; volume dispensing mode; copy dispensing mode.
 - Automatically store five groups of working parameters.
 - The operating expert system guides users setting parameters correctly.
 - Remote infrared controlling function.
 - Super anti-interference feature, wide input voltage range, acceptable for the complex power environment.
 - Stainless steel housing, easy to clean, excellent resistance to the corrosion of the acid, alkali, sodium and the organic solvents.
 - External high-low electrical level controls the start/stop, reversible direction and easy dispensing function, optically coupled isolator, can choose 5V,12V,24V. External analog adjusts the rotate speed, can choose 0-5V/10V, 4-20mA.
 - RS485 interface, MODBUS protocol is available, easy to connect other equipments.

Technical parameters

- One channel flow range :0.01-13L/min

- Flow accuracy: <0.5%
- Speed range: 0.1-600rpm.
- Speed resolution: 0.1 rpm
- Power supply :AC 220V±10%,50Hz/60Hz (standard) ,
- Power consumption: <300W
- External control: Input electrical level 5V, 12V (standard),24V(optional).
- External communication interface: RS485 communication interface, support the MODBUS protocol.
- Ambient temperature: 0 ~ 40°C
- Relative humidity: <80%
- IP grade: IP31
- Dimensions (LxWxH) 350mmx235mmx315mm
- Weight: 15KG

WG600F Applicable pump head and tubing, flow parameters:

Drive type	Pump head	Channel number	Tubing (mm)	One channel flow rate (L/min)
WG600F (304SS)	YZ35	1	73#,82#	0.01~13
	2*YZ35	2	73#,82#	0.01~13

Appearance size:

