




















1. After wires connected and power-on, there should be alarm “051”  appears, you can use FA010 to write-in the correct mode code accordingly,
For example, SF80-2-032M3050, motor code is 1622.

Motor code is written to encoder EEROM operation (FA010)

Step	Display	Key	Operation
1			Press the F key to select the auxiliary function, and "FA000" is displayed.
2			Press the left button and the UP button to display "FA010". The left key is the shift key, and the UP key and DOWN key modify the value.
3			Press the S key, the display content is as shown on the left.
4			Press the left button and the UP button, enter the advanced authority P.0010
5			Press the F key to confirm the setting. After the setting is completed, "donE" is displayed flashing.
6			Long press the left button for 1 second, the default display is n.0000.
7			Set the correct motor model code according to the actual motor model. For example, set the new motor model code as: 1336. As shown on the left. The left key is the shift key, and the UP key and DOWN key modify the value.
8			Press the F key; when "donE" is flashing, it means that the motor code has been set successfully.
9			Press the S key to return to display "FA010" and exit the model code setting mode

Note:

※1 If it is a dual-axis servo drive, long press the F key for more than 1 second, it will switch from FA000 to Fb000 state, and the parameters of A-axis and b-axis can be switched alternately.

In the Fb000 state, you can follow the steps in the above table to set the motor model code of the b-axis.

※2 After the above motor model code is successfully set, the servo drive needs to be powered off and restarted, so that the corresponding changed parameters can take effect.

2. You can use FA002 to test JOG mode to see if the motor can runs well.

JOG operation (FA002)

Please refer to the following contents besides the operation steps

Steps	Display after operation	Operation key	Operation
1	FA000	F	Press the F key to select the auxiliary function. In case of dual-axis drive, long press F key more than 3 seconds, and Axis A and Axis B will be switched alternately.
2	FA002	▲ ▼	UP or DOWN key display "FA002".
3	-.JOG	S	Press S key, and the display content is shown in the left figure.
4	-.JOG	F	Press F key to enter servo ON state.
5	-.JOG	▲ ▼	Press the UP key (forward rotation) or the DOWN key (reverse rotation), during which the servo motor rotates at the speed set by Pn304 or Pn383.
6	-.JOG	F	Press MODE/SET key to enter servo OFF state.
7	FA002	S	Press the S key again to return to the display of "FA002".

3. Normally "Pnt" will appears, it means that the driver is in FWD/REV forbidden status, so servo on not works.

There's two ways:

1. By parameters, set bit3 of PA50A=8, set bit0 of PA50B=8, it means, PA50A=8xxx; PA50B=xxx8. Then restart. In this way, "bb" will appears.

Then set PA50A bit1=9, means PA50A=8x9x, Restart, Servo on will works.

2. By wires, please connect IN1 (pin3) and IN2(pin19) as below diagram, "bb" will appears. Then connect IN0 (Pin18), Servo on will works.

