

Debugging Steps Of NICE900

1. Parameters initialization

SET F901=1

2. Motor's Parameters setting

SET F101=100

SET F102=100

SET F103=1.2

SET F104=32

SET F104=240

3. TUNE

SET F614=150

Pull the door to the middle position.

SET F116=4

When TUNE twinkling ,press OPEN ,then wait until TUNE disappears.

4. Width learning

SET F901=13

SET F904=12

Pull the door to the middle position

SET F002=2

SET F600=1

Press OPEN

The correct movement sequence should be : CLOSE-OPEN-CLOSE

If the movement sequence is not correct, just change any the sequence of any two of UVW, then retry from STEP 2 to STEP 4.

Then SET F002=1

5. Acceleration &deceleration time setting

Open:

SET F300=20

SET F301=0.1

SET F302=0.1

SET F303=32

SET F304=0.5

SET F305=3

SET F306=0.1

SET F307=50

SET F308=50

SET F309=150

SET F310=150

SET F311=0

Close:

SET F400=25

SET F401=0.1

SET F402=0.1

SET F403=32

SET F404=0.5

SET F405=10

SET F406=0.1

SET F407=1

SET F408=300

SET F409=2

6. The key parameters setting

F605=80(If there is a impact when opening, just decrease this value, if the door could not open to the ending position, just increase this value)

F608=80(If there is a impact when closing, just decrease this value, if the door could not close to the ending position, just increase this value)