

# VISO Servo Control V1.06

## Parameter List

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| Name                    | Min | Max  | Preset value | Unit   | Description                                                                                     |
|-------------------------|-----|------|--------------|--------|-------------------------------------------------------------------------------------------------|
| <b>Motor</b>            |     |      |              |        |                                                                                                 |
| Maximum speed           | 500 | 3000 | 2500         | rpm    |                                                                                                 |
| Minimum speed           | 100 | 300  | 150          | rpm    |                                                                                                 |
| Position speed          | 180 | 1000 | 180          | rpm    |                                                                                                 |
| Acc ramp                | 1   | 30   | 20           | rpm/ms |                                                                                                 |
| Dec ramp                | 1   | 30   | 20           | rpm/ms |                                                                                                 |
| Direction               | 0   | 1    | 0            | -      | Direction of rotation of motor<br>0 = CW<br>1 = CCW                                             |
| Transmission ratio      | 1   | 9999 | 100          | -      | Transmission ratio =<br>(Machine diameter/motor diameter)*100                                   |
| Speed limit DB3000      | 180 | 3000 | 3000         | rpm    |                                                                                                 |
| Speed limit DB3000      | 180 | 3000 | 1800         | rpm    |                                                                                                 |
| Single stitch speed     | 180 | 500  | 180          | rpm    |                                                                                                 |
| Manual speed            | 180 | 3000 | 180          | rpm    |                                                                                                 |
| Motor brake during stop | 0   | 1    | 0            | -      | Motor brake during normal stop<br>0:no brake torque<br>1:brake continuously active when stopped |
| Brake current           | 50  | 500  | 200          | -      | Brake current =<br>(Brake torque/motor rated torque)<br>*1000                                   |
| Response pos Change     | 0   | 255  | 40           | -      | Reserved, invalid                                                                               |
| Brake time              | 0   | 999  | 200          | ms     | Reserved, invalid                                                                               |
| Before brake angel      | 20  | 40   | 20           | °      |                                                                                                 |
| Extern pos sensor       | 0   | 1    | 0            | -      | Extern pos sensor<br>0:disable extern pos sensor<br>1:enable extern pos sensor                  |

| Name                         | Min | Max   | Preset value | Unit     | Description                                                                             |
|------------------------------|-----|-------|--------------|----------|-----------------------------------------------------------------------------------------|
| Soft start                   |     |       |              |          |                                                                                         |
| speed                        | 180 | 1000  | 400          | rpm      | Soft start speed                                                                        |
| Stitch                       | 1   | 99    | 1            | Stitches | Number of soft start stitches                                                           |
| Sewing Foot Lift             |     |       |              |          |                                                                                         |
| enable                       | 0   | 1     | 1            | -        |                                                                                         |
| Start delay after foot ready | 0   | 255   | 80           | ms       |                                                                                         |
| Hold foot lift delay         | 0   | 255   | 40           | ms       |                                                                                         |
| End foot lift delay          | 0   | 255   | 50           | ms       |                                                                                         |
| Time 1                       | 0   | 999   | 200          | ms       | Activation time of sewing foot lift Magnet in period t1                                 |
| Time 1 duty                  | 5   | 100   | 100          | %        | Duty cycle in period t1                                                                 |
| Time 2                       | 0   | 60000 | 10000        | ms       | Activation time of sewing foot lift Magnet in period t2                                 |
| Time 2 duty                  | 5   | 100   | 100          | %        | Duty cycle in period t2                                                                 |
| Reversal                     |     |       |              |          |                                                                                         |
| Enable                       | 0   | 1     | 1            | -        | Enable Reverse after end of sewing                                                      |
| Reversal angle               | 10  | 180   | 45           | °        |                                                                                         |
| Reversal start delay         | 10  | 255   | 40           | ms       | Waiting time until reversal                                                             |
| Thread cut                   |     |       |              |          |                                                                                         |
| Speed                        | 100 | 750   | 150          | rpm      | Thread cut speed                                                                        |
| Cutter pedal pos             | 0   | 1     | 0            | -        | Reserved, invalid                                                                       |
| Switch on angle              | 0   | 359   | 25           | °        | Cut solenoid switch on angle<br>Bottom dead center<Switch on angle<br><Switch off angle |

| Name                          | Min | Max  | Preset value | Unit | Description                                                                                                                                                                                                                                                                       |
|-------------------------------|-----|------|--------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Switch off angle              | 0   | 359  | 265          | °    | Cut solenoid switch off angle<br>Switch on angle < Switch off angle<br>< thread top dead center                                                                                                                                                                                   |
| Cutter time                   | 100 | 1000 | 1000         | ms   | Maximum working time of<br>cut solenoid, after cut auto off.                                                                                                                                                                                                                      |
| Thread Tension                |     |      |              |      |                                                                                                                                                                                                                                                                                   |
| Mode                          | 0   | 3    | 2            | -    | Mode of thread tension and thread<br>Tension reduction when sewing foot<br>Lift is active.<br>0:No thread tension lift;<br>1:Thread tension lift in the seam;<br>2:Thread tension lift after<br>thread cutting;<br>3:Thread tension lift in the seam<br>And after thread cutting; |
| Switch on angle               | 0   | 359  | 255          | °    | thread tension switch off angle<br>Bottom dead center < Switch on angle<br>< Switch off angle                                                                                                                                                                                     |
| Switch off angle              | 0   | 359  | 325          | °    | thread tension switch off angle<br>Switch on angle < Switch off angle<br>< thread top dead center                                                                                                                                                                                 |
| Threading res<br>Tension      | 0   | 1    | 0            | -    | Reserved, invalid                                                                                                                                                                                                                                                                 |
| Hp add tension                | 0   | 1    | 1            | -    | Open additional thread tension<br>During quick stroke adjustment<br>0:NO<br>1:YES                                                                                                                                                                                                 |
| Start bartack<br>add tension  | 0   | 1    | 0            | -    | Open additional thread tension<br>During start bartacking<br>0:NO<br>1:YES                                                                                                                                                                                                        |
| End bartack<br>add tension    | 0   | 1    | 0            | -    | Open additional thread tension<br>During end bartacking<br>0:NO<br>1:YES                                                                                                                                                                                                          |
| Manual bartack<br>Add tension | 0   | 1    | 0            | -    | Open additional thread tension<br>During manual bartacking<br>0:NO<br>1:YES                                                                                                                                                                                                       |

| Name                      | Min | Max   | Preset value | Unit  | Description                                                                                                                      |
|---------------------------|-----|-------|--------------|-------|----------------------------------------------------------------------------------------------------------------------------------|
| Thread clamp add tension  | 0   | 1     | 0            | -     | Open additional thread tension<br>For thread clamp<br>0:NO<br>1:YES                                                              |
| Soft start add tension    | 0   | 1     | 0            | -     | Open additional thread tension<br>During soft start<br>0:NO<br>1:YES                                                             |
| Stitch short add tension  | 0   | 1     | 0            | -     | Reserved, invalid                                                                                                                |
| Single stitch Add tension | 0   | 1     | 0            | -     | Reserved, invalid                                                                                                                |
| Manual add Tension        | 0   | 1     | 0            | -     | Open additional thread tension<br>for extern key<br>0:NO<br>1:YES                                                                |
| Time 1                    | 0   | 999   | 40           | ms    | Activation time of thread tension<br>Magnet in period t1                                                                         |
| Time 1 duty               | 5   | 100   | 100          | %     | Duty cycle in period t1                                                                                                          |
| Time 2                    | 0   | 60000 | 0            | ms    | Activation time of thread tension<br>Magnet in period t2.(if 0,the thread<br>tension magnet remains continuously<br>switched on) |
| Time2 duty                | 5   | 100   | 100          | %     | Duty cycle in period t2                                                                                                          |
| Pedal                     |     |       |              |       |                                                                                                                                  |
| Num of speed level        | 0   | 64    | 0            | -     | Reserved, invalid                                                                                                                |
| Speed Curve               | 0   | 7     | 0            | -     | Reserved, invalid                                                                                                                |
| Debouncing of Pos 0       | 1   | 255   | 5            | ms    | When the pedal is at the 0 position<br>for more than this time, hold will<br>be triggered                                        |
| Debouncing of Pos -1()    | 1   | 255   | 80           | ms    | When the pedal is at the -1 position<br>for more than this time, foot lift will<br>be triggered                                  |
| Debouncing of Pos -2      | 1   | 255   | 100          | ms    | When the pedal is at the -2 position<br>for more than this time, cutting will<br>be triggered                                    |
| Pos -2 voltage adjust     | -5  | 5     | -4           | 0.01V | Adjust the sensitivity of -2 position<br>trigger(cutting), the smaller the value,                                                |

| Name                   | Min  | Max | Preset value | Unit | Description                                                                                                                               |
|------------------------|------|-----|--------------|------|-------------------------------------------------------------------------------------------------------------------------------------------|
|                        |      |     |              |      | the lower the sensitivity.                                                                                                                |
| Pedal type             | 0    | 1   | 0            | -    | 0: Analog pedal<br>1: digital pedal                                                                                                       |
| Position               |      |     |              |      |                                                                                                                                           |
| Ref pos                | 0    | 359 | -            | °    | Don't modify                                                                                                                              |
| Bottom dead center     | 0    | 359 | 19           | °    | Needle in the low position (bottom dead center)                                                                                           |
| Thread top dead center | 0    | 359 | 326          | °    | Thread lever at top dead center                                                                                                           |
| Needle top dead center | 0    | 359 | 245          | °    | Threading position (needle thread)                                                                                                        |
| Cur pos                | 0    | 359 | -            | °    | Display the current real-time angle                                                                                                       |
| Calibrate Pos          | -    | -   | -            | -    | Manually correct the position, Refer to the user manual for specific operations                                                           |
| Start bartack          |      |     |              |      |                                                                                                                                           |
| Switch on angle        | -100 | 60  | 10           | °    | Feed-forward angle when the bartack Magnet is switched on (Switching from forward to backward during bartacking)                          |
| Switch off angle       | -100 | 60  | -75          | °    | Feed-forward angle when the bartack Magnet is switched off (Switching from backward to forward during bartacking)                         |
| Stop When pedal pos 0  | 0    | 1   | 0            | -    | Reserved, invalid                                                                                                                         |
| Mode of end bartack    | 0    | 2   | 0            | -    | 0: Sewing continues after end;<br>1: Machine stop and must be restarted using the pedal;<br>2: Thread cutting after after start bartack.; |
| Speed hold time        | 0    | 500 | 0            | ms   | Delay time to speed release after start bartack                                                                                           |
| Manual bartack         |      |     |              |      |                                                                                                                                           |
| Mode                   | -    | -   | -            | -    | 0: Manual bartack engages immediately<br>1: Manual bartack engages                                                                        |

| Name               | Min  | Max  | Preset value | Unit | Description                                                                                                       |
|--------------------|------|------|--------------|------|-------------------------------------------------------------------------------------------------------------------|
|                    |      |      |              |      | depending angle                                                                                                   |
| Switch on angle    | 0    | 60   | 10           | °    |                                                                                                                   |
| Switch off angle   | 0    | 60   | 10           | °    |                                                                                                                   |
| Speed Limit mode   | 300  | 3000 | 0            | rpm  | Manual bartack speed limit, if = 0<br>Speed limit invalid                                                         |
| End bartack        |      |      |              |      |                                                                                                                   |
| Switch on angle    | -100 | 60   | 10           | °    | Feed-forward angle when the bartack Magnet is switched on (Switching from forward to backward during bartacking)  |
| Switch off angle   | -100 | 60   | -75          | °    | Feed-forward angle when the bartack Magnet is switched off (Switching from backward to forward during bartacking) |
| Hold on fun        | 0    | 1    | 0            | -    | Reserved, invalid                                                                                                 |
| Ornamental bartack |      |      |              |      |                                                                                                                   |
| Enable             | 0    | 1    | 1            | -    | 0:Off<br>1:On                                                                                                     |
| Speed              | 180  | 1500 | 800          | rpm  | Speed of ornamental-stitch bartack                                                                                |
| Hold time          | 0    | 1000 | 50           | ms   | Ending time during ornamental-stitch bartack                                                                      |
| Darning            |      |      |              |      |                                                                                                                   |
| Enable             | 0    | 1    | 0            | -    | Reserved, invalid                                                                                                 |
| Speed              | 300  | 3000 | 2800         | rpm  | Reserved, invalid                                                                                                 |
| Speed mode         | 0    | 1    | 0            | -    | Reserved, invalid                                                                                                 |
| Switch on angle    | 0    | 254  | 10           | °    | Reserved, invalid                                                                                                 |
| Switch off angel   | 0    | 254  | 10           | °    | Reserved, invalid                                                                                                 |
| Bartack            |      |      |              |      |                                                                                                                   |



| Name                                  | Min | Max   | Preset value | Unit     | Description                                                                                                           |
|---------------------------------------|-----|-------|--------------|----------|-----------------------------------------------------------------------------------------------------------------------|
| Spd dec when feed dog is repositioned | 0   | 1     | 1            | -        | Speed decrease when feed dog is repositioned                                                                          |
| Speed                                 | 180 | 3000  | 500          | rpm      | Level to which the speed is supposed to be reduced when the feed dog is repositioned                                  |
| Time1                                 | 0   | 999   | 100          | ms       | Activation time of bartack magnet in period t1                                                                        |
| Time1 duty                            | 5   | 100   | 100          | %        | Duty cycle in period t1                                                                                               |
| Time2                                 | 0   | 60000 | 30000        | ms       | Activation time of bartack magnet in period t2.(if 0,the bartack magnet remains continuously switched on)             |
| Time2 duty                            | 5   | 100   | 100          | %        | Duty cycle in period t2                                                                                               |
| Stroke adjustment                     |     |       |              |          |                                                                                                                       |
| Enable                                | 0   | 1     | 1            | -        | 0:Off<br>1:On                                                                                                         |
| Speed                                 | 180 | 3000  | 1800         | rpm      | Stroke adjustment entry speed                                                                                         |
| Type of potentiometer                 | 0   | 9999  | 0            | -        | Reserved, invalid                                                                                                     |
| Num stitches for HP auto off          | 0   | 9999  | 0            | Stitches | Number of stitches for automatic Switch-off of quick stroke adjustment(when 0,quick stroke adjustment is deactivated) |
| Speed limit mode                      | 0   | 1     | 0            | -        | Reserved, invalid                                                                                                     |
| Spd hold time after HP off            | 0   | 6000  | 100          | ms       | Delay time to speed release after automatic Switch-off of quick stroke adjustment                                     |
| Lower threshold                       | 0   | 20    | 5            | -        |                                                                                                                       |
| Upper threshold                       | 0   | 20    | 17           | -        |                                                                                                                       |
| Lower threshold spd                   | 180 | 3000  | 3000         | rpm      |                                                                                                                       |
| Upper threshold spd                   | 180 | 3000  | 1800         | rpm      |                                                                                                                       |
| Type of HP sign                       | 0   | 1     | 0            | -        | 0:Store signal                                                                                                        |

| Name                              | Min | Max  | Preset value | Unit | Description                                                                                 |
|-----------------------------------|-----|------|--------------|------|---------------------------------------------------------------------------------------------|
|                                   |     |      |              |      | 1:No store signal                                                                           |
| Cur Level                         | 0   | 20   | -            | -    | Display of current level, The greater the level, the greater the stroke of the presser foot |
| Limit_spd                         | 180 | 3000 | -            | -    | Maximum speed allowed by current level                                                      |
| Stitch length switch              |     |      |              |      |                                                                                             |
| Spd limit for long stitch length  | 180 | 3000 | 0            | rpm  | Speed limit for long stitch length, (when 0,speed limit invalid)                            |
| Stitch length at bartack          | 0   | 2    | 0            | -    | 0:Preset stitch length(Long/Normal)<br>1:Normal stitch length<br>2:Long stitch length       |
| Cur Stitch length                 | 0   | 1    | 0            | -    | 0:Normal stitch length<br>1:Long stitch length                                              |
| Stitch shorting at Seam begining  | 0   | 1    | 0            | -    | Reserved, invalid                                                                           |
| Stitch shorting at Thread cutting | 0   | 1    | 0            | -    | 0:Preset stitch length(Long/Normal)<br>1:Short stitch length                                |
| Needle cool                       |     |      |              |      |                                                                                             |
| Needle cool mode                  | 0   | 1    | 0            | -    | 0:Normal needle cooling<br>1:Speed-dependent needle cooling                                 |
| Switch off delay Of needle cool   | 0   | 6000 | 2500         | ms   | Switch off delay of needle cooling                                                          |
| Spd for switch On needle cool     | 180 | 3000 | 2000         | rpm  | Speed for switching on needle cooling                                                       |
| Needle cool during foot lift      | 0   | 1    | 0            | -    | 0:Off<br>1:On                                                                               |
| Needle cool                       | 0   | 1    | 0            | -    | 0:Off<br>1:On                                                                               |
| Thread clamp                      |     |      |              |      |                                                                                             |
| Mode                              | 0   | 2    | 0            | -    | 0:Off<br>1:only TC<br>2:TC and FL                                                           |
| Option                            | 0   | 3    | 0            | -    | 0:Thread clamp only at seam begining<br>1: Thread clamp at seam beginning and reverse       |

| Name                                        | Min | Max | Preset value | Unit | Description                                                                                                                                |
|---------------------------------------------|-----|-----|--------------|------|--------------------------------------------------------------------------------------------------------------------------------------------|
|                                             |     |     |              |      | 2: Thread clamp at seam beginning and during sewing foot lift<br>3: Thread clamp at seam beginning and during reverse and sewing foot lift |
| FK switch on angle                          | 0   | 359 | 75           | °    |                                                                                                                                            |
| FK switch on angle                          | 0   | 359 | 215          | °    |                                                                                                                                            |
| FL switch on angle                          | 0   | 359 | 60           | -    |                                                                                                                                            |
| FL switch off angle                         | 0   | 359 | 120          | -    |                                                                                                                                            |
| FL switch on duty                           | 0   | 100 | 100          | %    |                                                                                                                                            |
| NSB                                         | -   | -   | -            | -    | Reserved, invalid                                                                                                                          |
| Switch on angle of add clamp                | -   | -   | -            | -    | Reserved, invalid                                                                                                                          |
| Switch off angle Of add clamp               | -   | -   | -            | -    | Reserved, invalid                                                                                                                          |
| Switch on angle of thread advancing device  | -   | -   | -            | -    | Reserved, invalid                                                                                                                          |
| Switch off angle of thread advancing device | -   | -   | -            | -    | Reserved, invalid                                                                                                                          |
| Switch on of thread tension lift            | -   | -   | -            | -    | Reserved, invalid                                                                                                                          |
| Switch off of thread tension lift           | -   | -   | -            | -    | Reserved, invalid                                                                                                                          |
| Time 1                                      | -   | -   | -            | -    | Reserved, invalid                                                                                                                          |
| Time 1 duty                                 | -   | -   | -            | -    | Reserved, invalid                                                                                                                          |
| Time 2                                      | -   | -   | -            | -    | Reserved, invalid                                                                                                                          |

| Name                                           | Min | Max  | Preset value | Unit     | Description                                                                                                            |
|------------------------------------------------|-----|------|--------------|----------|------------------------------------------------------------------------------------------------------------------------|
| Time 2 duty                                    | -   | -    | -            | -        | Reserved, invalid                                                                                                      |
| Light barrier                                  |     |      |              |          |                                                                                                                        |
| Equalizing stitches for normal stitch length   | 0   | 255  | 0            | stitches | When detecting the disappearance of the barrier signal, continue to run to Equalizing stitches and then end the sewing |
| Equalizing stitches for long Stitch length     | 0   | 255  | 0            | stitches | When detecting the disappearance of the barrier signal, continue to run to Equalizing stitches and then end the sewing |
| Num of barrier seam                            | 0   | 255  | 1            | stitches | Reserved, invalid                                                                                                      |
| Equalizing stitches for knitted garment filter | 0   | 255  | 0            | stitches | Reserved, invalid                                                                                                      |
| Spd for barrier equalizing stitches            | 180 | 3000 | 1000         | rpm      |                                                                                                                        |
| Barrier mode                                   | 1   | 3    | 3            | -        | 1:Seam beginning detection<br>1:Seam end detection<br>3:Seam beginning & seam end detection                            |
| Mode for seam begining                         | 0   | 1    | 0            | -        | Reserved, invalid                                                                                                      |
| Knitted garment filter                         | 0   | 1    | 0            | -        | Reserved, invalid                                                                                                      |
| Light barrier detection                        | 0   | 1    | 0            | -        | 0:Bright<br>1:Dark                                                                                                     |
| Auto                                           | 0   | 1    | 0            | -        | 0:Off<br>1: Semi-automatic mode<br>2: Fully automatic mode                                                             |
| Thread Wiper                                   |     |      |              |          |                                                                                                                        |
| Enable                                         | 0   | 1    | 0            | -        | 0:Off<br>1:On                                                                                                          |
| Switch on time                                 | 10  | 255  | 100          | ms       | Switch-on period for thread wiper                                                                                      |
| No foot lift time                              | 10  | 255  | 100          | ms       | When thread wiper off, after No foot lift time ,the foot is allowed to lift                                            |

| Name                                          | Min | Max   | Preset value | Unit     | Description                                                                                                                                                                  |
|-----------------------------------------------|-----|-------|--------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Thread Monitor                                |     |       |              |          |                                                                                                                                                                              |
| Enable                                        | 0   | 4     | 0            | -        | Bobbin stitch counter/remaining thread monitor<br>0:Off<br>1:Bobbin stitch counter A<br>2:Bobbin stitch counter B<br>3:Bobbin stitch counter C<br>4:remaining thread monitor |
| Bobbin stitch Counter A                       | 10  | 30000 | 6000         | stitches | Reset value of bobbin stitch counter A                                                                                                                                       |
| Bobbin stitch Counter B                       | 10  | 30000 | 6000         | stitches | Reset value of bobbin stitch counter B                                                                                                                                       |
| Bobbin stitch Counter C                       | 10  | 30000 | 6000         | stitches | Reset value of bobbin stitch counter C                                                                                                                                       |
| Factor of bobbin Stitch counter               | 1   | 255   | 10           | -        | Reserved, invalid                                                                                                                                                            |
| Num of stitches for the remain Thread monitor | 0   | 9999  | 0            | stitches | Number of stitches for the remaining thread monitor                                                                                                                          |
| Motor stop when cnt reaches 0                 | 0   | 1     | 1            | -        | Stop sewing motor when the counter Reaches 0<br>0:Off<br>1:On                                                                                                                |
| Seam cnt enable                               | 0   | 1     | 1            | -        | Counter plus one after cutting<br>0:Off<br>1:On                                                                                                                              |
| Needle thread monitor up                      | 0   | 1     | 0            | -        | Reserved, invalid                                                                                                                                                            |
| Up monitor active spd                         | 180 | 3000  | 180          | rpm      | Reserved, invalid                                                                                                                                                            |
| Up monitor Active stitches                    | 0   | 255   | 2            | stitches | Reserved, invalid                                                                                                                                                            |
| Up monitor sign filter                        | 0   | 1000  | 3            | ms       | Reserved, invalid                                                                                                                                                            |
| Needle thread monitor down                    | 0   | 1     | 0            | -        | Reserved, invalid                                                                                                                                                            |
| Down monitor Active spd                       | 180 | 3000  | 180          | rpm      | Reserved, invalid                                                                                                                                                            |
| Down monitor active stitches                  | 0   | 1000  | 3            | ms       | Reserved, invalid                                                                                                                                                            |

| Name                                    | Min | Max | Preset value | Unit | Description                                                                                                                                                                                           |
|-----------------------------------------|-----|-----|--------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Carrier roller/puller/seam middle guide |     |     |              |      |                                                                                                                                                                                                       |
| Seam middle guide follow hp             | 0   | 1   | 0            | -    | 0:On<br>1:Off                                                                                                                                                                                         |
| Sys cfg                                 |     |     |              |      |                                                                                                                                                                                                       |
| Brand number                            | -   | -   | -            | -    | Factory setting, users should not modify                                                                                                                                                              |
| Sys para reset                          | -   | -   | -            | -    | Parameter reset to factory settings                                                                                                                                                                   |
| WIFI                                    | -   | -   | -            | -    | WIFI settings                                                                                                                                                                                         |
| Language                                | 0   | 1   | 0            | -    | 0: Chinese<br>1:English                                                                                                                                                                               |
| System info                             | -   | -   | -            | -    | Display current software information                                                                                                                                                                  |
| Device                                  | 0   | 15  | 0            | -    | Select the specified equipment, the corresponding parameters will be automatically modified                                                                                                           |
| Developer, Enter after entering 3692    |     |     |              |      |                                                                                                                                                                                                       |
| Input check                             | -   | -   | -            | -    | Check external input signal                                                                                                                                                                           |
| Output check                            | -   | -   | -            | -    | Check external output                                                                                                                                                                                 |
| Input cfg                               | -   | -   | -            | -    | Configure the corresponding function for the external input port                                                                                                                                      |
| Output cfg                              | -   | -   | -            | -    | Configure the corresponding function for the external output port                                                                                                                                     |
| Motor                                   | 0   | 10  | 0            | -    | 0: VS-M00,max speed 3000N/min , max torque 7.2 N/m<br>1: VS-M01,max speed 3000N/min , max torque 7.2 N/m<br>2: VS-M02,max speed 3000N/min , max torque 9.4 N/m<br>3: VS-M03,max speed 2500N/min , max |

| Name | Min | Max | Preset<br>value | Unit | Description                    |
|------|-----|-----|-----------------|------|--------------------------------|
|      |     |     |                 |      | torque 12 N/m<br>4~9: Reserved |