

## 1. PA000=0030

Pn No.	Size	Name	Setting range	Setting Unit	Factory setting	Available time	Category	Remarks
Pn000	2	Function selection Basic	0000~10B1	-	0000	Power restart	Setup	-
n.□□□□ Rotation direction selection								
0 The CCW direction is the forward rotation direction.								
1 The CW direction is the forward rotation direction. (Reverse mode)								
n.□□□□ Control mode selection								
0 Speed control (analog command)								
1 Position control (pulse sequence command)								
2 Rotational moment control (analog command)								
3 Internal set speed control (contact command)								
4 Internal set speed control (contact command) ↔ speed control (analog command)								
5 Internal set speed control (contact command) ↔ position control (pulse sequence command)								
6 Internal set speed control (contact command) ↔ torque control (analog command)								
7 Position control (pulse sequence command) ↔ speed control (analog command)								
8 Position control (pulse sequence command) ↔ torque control (analog command)								
9 Torque control (analog command) ↔ speed control (analog command)								
A Speed control (analog command) ↔ speed control with zero position fixing function								
B Position control (pulse sequence command) ↔ position control with command pulse disable function								
n.□□□□ Appointment parameters (do not change it)								
n.X□□□ Startup selection when encoder is not connected								
0 It is started as the corresponding servo drive of the rotary servo motor when the encoder is not connected.								
1 It is started as the corresponding servo drive of the linear servo motor when the encoder is not connected.								

## 2. Set two DIs in PA50C (bit1 and bit2) for different internal speed switch.

Pn No.	Size	Name	Setting range	Setting Unit	Factory setting	Available time	Category	Remarks
Pn50C	2	Input signal selection 3	0000~9999	-	8888	Power restart	Setup	-
n.□□□□ Distribution of motor rotation direction switching input (/SPD-D) signal								
0 CN1-IN0 takes effect when the input signal is ON.								
1 CN1-IN1 takes effect when the input signal is ON.								
2 CN1-IN2 takes effect when the input signal is ON.								
3 CN1-IN3 takes effect when the input signal is ON.								
4 CN1-IN4 takes effect when the input signal is ON.								
5 CN1-IN5 takes effect when the input signal is ON.								
6 CN1-IN6 takes effect when the input signal is ON.								
7 CN1-IN7 takes effect when the input signal is ON.								
8 Fixed the signal as "invalid" all the time.								
9 Set the signal to "active" at all times.								
n.□□□□ Internal setting speed switching input (/SPD-A) signal distribution								
0~9 The distribution of signals is the same as that of motor rotation direction switching input (/SPD-D).								
n.□□□□ Internal setting speed switching input (/SPD-B) signal distribution								
0~9 The distribution of signals is the same as that of motor rotation direction switching input (/SPD-D).								
n.□□□□ The control mode switches the distribution of input (/C-SEL) signals								
0~9 The distribution of signals is the same as that of motor rotation direction switching input (/SPD-D).								

## 3. PA301 is internal speed 1;

PA302 is internal speed 2;

PA303 is internal speed 3;

Pn301	2	Internal set speed 1	0~10000	1 min <sup>-1</sup>	100	Effective immediately	Setup	
Pn302	3	Internal set speed 2	0~10000	1 min <sup>-1</sup>	200	Effective immediately	Setup	
Pn303	3	Internal set speed 3	0~10000	1 min <sup>-1</sup>	300	Effective immediately	Setup	