

6.2.2 Speed control command parameters

1、Speed control instruction related to motor and drive parameters

Parameter code	Name	Setting range	Factory setting	Instructions
P01-01	Control mode setting	0-6	1	0: position mode (Pulse instructions) 1: speed mode (Analog instructions) 2: torque mode (Analog instructions) 3: position/speed model 4: position/torque model 5: speed/torque model 6: full closed-loop model
P00-05	Motor pole logarithmic	1-31	---	Specific parameter setting depending on the motor
P00-07	encoder type	0-3	---	
P00-10	Incremental encoder line number	0-65535	---	
P04-00	Source of rotational speed	0-3	0	0: External analog instruction 1: Digital command (parameters) 2: Digital instruction (communication) 3: Internal multiple sets of instructions
P04-01	Speed analog command inverting	0-1	0	Set the motor rotating the initial direction
P04-02	Digital speed command value	0-Max.Speed	0	Set the speed reference
P04-06	Forward speed limit	0-Max.Speed		Positive direction speed limit
P04-07	Reverse speed limit	0-Max.Speed		Reverse rotation speed limit

2、speed control instruction related gain parameters

Please refer to the [6.1 Position control of the position control instructions relevant adjusted gain parameter](#)