

DC Powered Servo Drivers CD 120



- Power Supply: 18-70VDC (60V Recommended)
- Rated Output Power: 0.2-0.75KW
- Dimensions: 192x106x52mm

Rating: Not Rated Yet

Price

Sales price without tax 267,00 €

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Manufacturer [Kinco](#)

Description

Model parameter	CD120-AA-000
Pow Main power er su pply	Power Supply: 18-70V DC (60V DC recommended)
Logic Power	DC24V 1A
Peak current (PEAK)	18A
Feedback signal	2500PPR (incremental encoder with 5V)
Brake chopper	Use an external braking resistor if necessary
Brake chopper threshold	DC80V±5V
Over-voltage alarming threshold	DC90V±5V
Under-voltage alarming threshold	DC18V±5V
Cooling method	Natural air cooling
Weight	0.9kg
Positi Max. on frequency of	Differential signal: 500KPPS, Open-collector
Mod input pulse e Pulse command	signal: 200KPPS Pulse+direction, CCW+CW, (higher voltages

	mode	than 5V need external current limiting resistors)(do not support A+B phase)
	Command smoothing	Low-pass filtering(Adjustable by internal parameters)
	Feedforward gain	Adjustable by internal parameters
	Electronic gear ratio	Setting range, Gear factor: -32768~32767, Gear divider: 1~32767, 1/50? Gear factor/Gear divider ?50
	Position loop sampling frequency	1KHz
Speed	Analog input voltage range	0 ~±10V(Resolution 12bit)
Mode	Input impedance	200K
	Analog input sampling frequency	4KHz
	Command source	External analog command/iAdjustable by internal parameters
	Command smoothing	Low-pass filtering(Adjustable by internal parameters)
	Input voltage dead-zone setting	Adjustable by internal parameters
	Input voltage offset setting	Adjustable by internal parameters
	Speed limit	Adjustable by internal parameters
	Torque limit	Adjustable by internal parameters / External analog command control
	Speed loop sampling frequency	4KHz
Torque	Analog voltage input range	0 ~±10V (Resolution 12bit)
Mode	Input impedance	200K
	Input sampling frequency	4KHz
	Command source	External analog command/internal command
	Command smoothing	Low-pass filtering(Adjustable by internal parameters)
	Speed limit	Adjustable by internal parameters/External analog command control
	Input voltage dead-zone setting	Adjustable by internal parameters
	Input voltage offset setting	Adjustable by internal parameters
	Current sampling frequency	16KHz

Digit al Input	Input specification	4 digital inputs, high level(effective if voltage is above than 12V)
	Input function	Define freely according to requirement : Driver enable,driver fault reset,driver mode control,speed loop Kp control, positive limit, negative limit,home signal, emergency stop and so on
Digit al Output	Output specification	3 digital outputs: OUT1 and OUT2 is 100mA, OUT5 is 800mA, can drive brake device directly.
	Output function	Define freely according to requirement: driver ready, driver fault, position reached, motor at zero speed, speed reached, index signal Z appears, home found and so on.
	Protection functions	Over-voltage protection,under-voltage protection,motor over-heat protection(I ² T),short-circuit protection,etc.
	Communication interface	RS232
Oper ation	Operating temperature	0~40?
Envir onment	Storage temperature	-10?~70?
	Humidity(non-condensing)	5~95%
	Protection class	IP20
	Installation environment	Installed in a dust-free,dry and lockable environment(such as in a electrical cabinet)
	Installation mode	Vertical installation
	Altitude	Below 1000m
	Atmospheric pressure	86kpa~106kpa

[CD 120, DC Powered Servo Drive](#)