FANUC

The power to adapt

Digital Servo Adapter-MODEL B

Saving you the time and expense of learning a new control system, Digital Servo Adapter lets you use your preferred machine controller with FANUC servomotors.

Digital Servo Adapter connects easily to machine controllers using EtherCAT, POWERLINK, analog voltage input or pulse input interface. The C*i*A402 drive profile is supported in combination with EtherCAT and POWERLINK.

Powerful FANUC servomotors without the learning curve

With an extensive portfolio of powerful and particularly reliable drive system solutions available to you, FANUC has servomotors that are ideally suited to your needs:

- stall torque up to 3000 Nm
- maximum torque up to 5300 Nm
- featuring sophisticated control technology based on algorithms for very smooth machine movements
- ideal for industrial machines such as servo press machines, wire saw machines and electric injection molding machines

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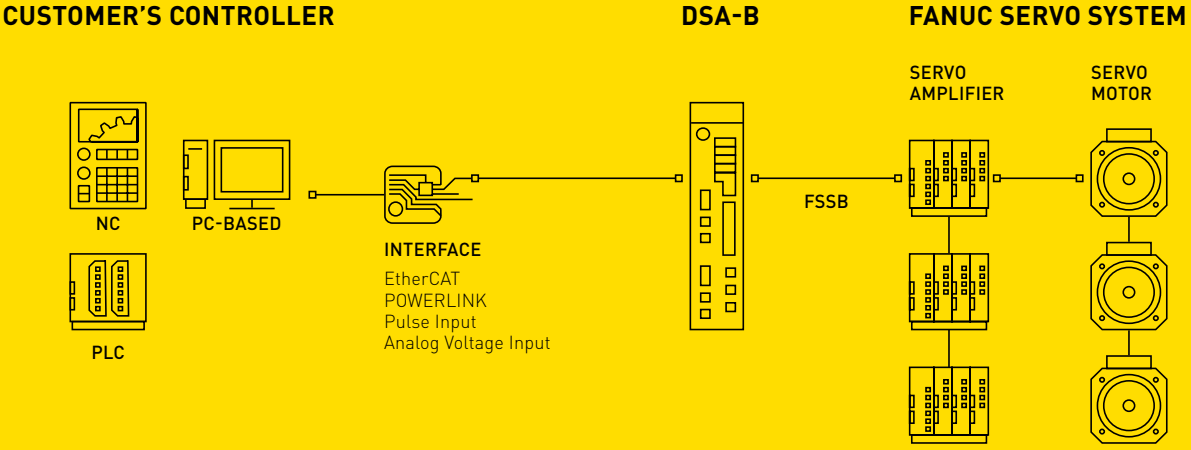
Combining the best of both worlds

Working with a controller you are familiar with makes life easy. FANUC Digital Servo Adapter-MODEL B combines all the benefits of FANUC's powerful servomotors with the familiarity of your existing controller:

- **easy integration of your existing technology**
- **range of interfaces enable perfect match to your controller**
- **compatible with FANUC's entire range of servomotors**



Specification by interface

Input interfaces		EtherCAT	EtherCAT for spindle	POWERLINK	Pulse Input	Analog Voltage Input	HSSB
Command method	Position	O	O	-	O	-	O
	Velocity	O	O	O	-	O	O
	Torque	O	-	O	-	O	O
Communication cycle		250µs	500µs	400µs	-	-	High speed serial communication
Command range		-	-	-	0~2MHz	-10~+10V	-
Maximum servo axes	1 winding	8	8	8	4	4	8
	2 windings	8	6	4			8
	4 windings	4	2	2			4
Maximum spindle axes		-	2	-	-	-	-
Required option board		EtherCAT slave board		POWERLINK slave board	Not required		HSSB board
Torque tandem control		O	O	O	O	O	O
Pole position detection		O	O	O	-	-	O
STO function		O	O	O	O	O	O
Other functions		• Data read/write by Direct command • Position command synchronous function • Pressure control function	• Data read/write by Direct command • Position command synchronous function • Spindle orientation • Rigid tapping • Backlash compensation	• Data read/write by Direct command • Pressure control function • Hydraulic control function	• Analog Voltage Output • Master pulse copy function (Only pulse input) • Data readout function via RS-232-C		• Data read/write by Direct command • Position command synchronous function • Pressure control function • Hydraulic control function

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