PCON-CB/CFB

The Position Controllers for RCP6/RCP5/RCP4 (PowerCon Type) Position Controller for RCP3/RCP2









High resolution Battery-less Absolute Encoder type

The RCP6 equipped with a high-resolution battery-less absolute encoder is supported. Since no battery is needed to retain position data, less space is required in the control panel, which in turn leads to lower cost of your equipment. The resolution is increased from 800 pulses /rev to 8192 pulses/rev.



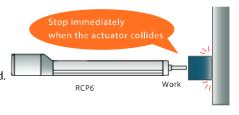
PowerCon Equipped

PowerCon (high-output driver) which can enable the stepper motor to perform at its maximum capacity is now installed. By using PowerCon, the output of the pulse motor is increased by 50%. It contributes to cycle time reduction and productivity improvement.

Collision Detection Function Equipped

This function stops the operation immediately when the actuator comes into contact with an object.

The actuator stops without crashing, so that damage to the actuator can be minimized.

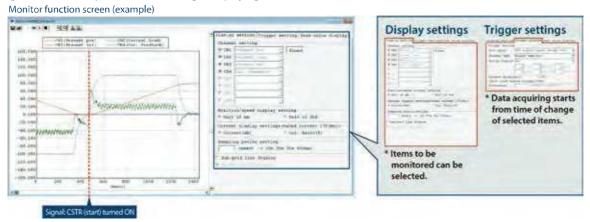


Enhanced Monitor Functions

The PC dedicated software can display information about the actuator and controller in operation as waveforms.

*Information that can be displayed: Command current value, current speed/position, and PIO signals (start, positioning completion, alarm, etc.) Using the trigger function, the end user can specify a particular moment, either a change in PIO signals or a designated moment

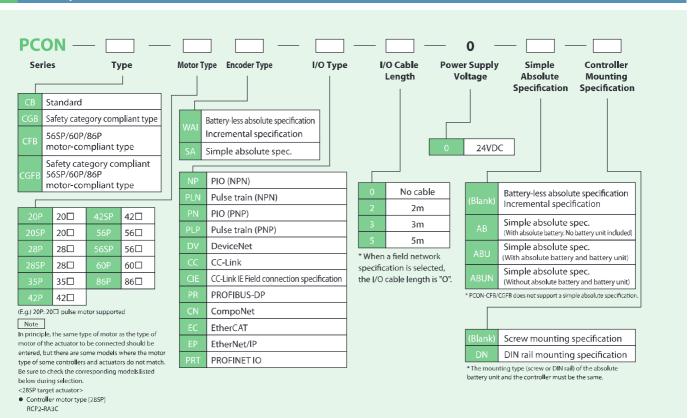
during the actuator's operation time, to begin displaying the waveforms.



List of Models

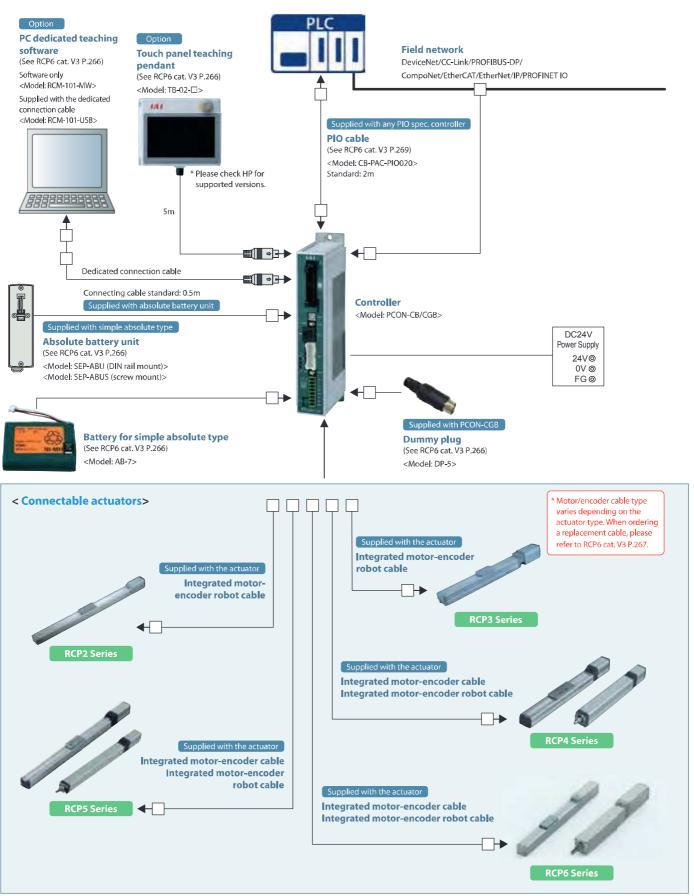
Model number		PCON-CB•CGB/CFB•CGFB													
External view															
					Field network type										
I / O type			Positioner type	Pulse-train type	Device Net	CC-Link	CC-Link IE Bus	PROFII [®]	CompoNet	-	-	EtherCAT.	Etheri\et/IP	PPSFO*	
					DeviceNet	CC-Link	CC-Link IE Field connection specification	PROFIBUSDP	CompoNet	-	-	EtherCAT	EtherNet/ IP	PROFINET IO	
	I/O type model number		NP/PN	PLN/PLP	DV	CC	CIE	PR	CN	-	-	EC	EP	PRT	
PCON- CB/ CGB	Battery-less absolute specification Incremental specification		0	0	0	0	0	0	0	-	-	0	0	0	
	Simple absolute spec.	With absolute battery	0	-	0	0	0	0	0	-	-	0	0	0	
		With absolute battery unit	0	_	0	0	0	0	0	_	_	0	0	0	
		Without abso- lute battery	0	_	0	0	0	0	0	-	-	0	0	0	
PCON CFB/ CGFB	FB/ Incremental specification		0	0	0	0	0	0	0	-	-	О	О	О	

Model Specification Items



System Configuration

■ PowerCon150 < PCON-CB/CGB>



System Configuration

■ 56SP/60P/86P Motor Compatible < PCON-CFB/CGFB>

