

欧姆龙株式会社

SYSMAC CS/CJ Series Position Control Units

CJ1W-NCF71, CS1W- NCF71

Features

- Control up to 16 axes with one Unit.
- Make the most of motor performance: No upper limit to speed command to Servo Driver because communications are used.
- Use direct operation to directly specify the target position and target speed from the PLC's CPU Unit.
- Perform speed control or torque control, or switch between speed and torque control.
- Supports motors with absolute encoders.
- Set and monitor Servo Driver parameters from the PLC's CPU Unit.



CJ1W-NCF71



CS1W-NCF71

Specifications

Item	Specifications
Control method	MECHATROLINK- II Position commands, Speed commands, Torque commands
Number of control axis	16 axes max.
Controlled drivers	OMRON W-series Servo Drivers R88D-WN□□□-ML (built-in MECHATROLINK- II communications) R88D-WT□□□+MECHATROLINK- II Interface Unit
Maximum position command value	– 2147483648 to 2147483647 command units Command unit: Depends on electronic gear setting in Servo parameters.
Control functions	Servo lock/unlock, position control, establishing the origin, jogging, interrupt feeding, speed control, torque control, stop functions, acceleration/ deceleration curves, torque limit, overrides, servo parameter transfers, monitoring, software limits, and backlash compensation

MECHATROLINK specifications

		M- I	M- II	
		17-byte	17-byte	32-byte
Command	Servo	-	-	×
	Stepping Motor Drivers	-	-	-
	Intelligent I/O	-	-	-
	Simple I/O	-	-	-
	Inverter	-	-	-
Transmission cycle				0.25 ms, 0.5 ms, 1 to 8 ms (See note.)

Note: User can set communications cycle to 0.25 ms or 0.5 ms, or to 1 to 8 ms in increments of 1 ms-

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