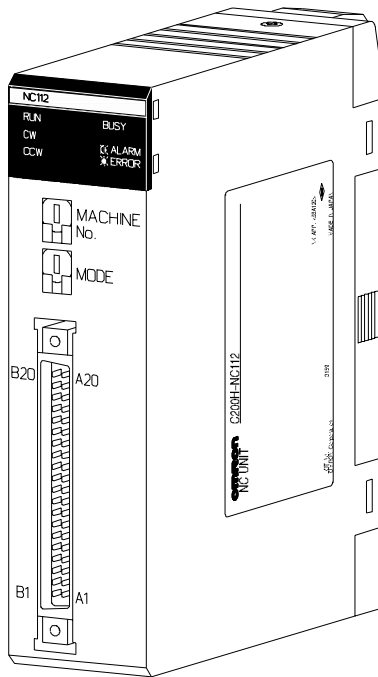


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C200H-NC112

General Information

Position control modules provide either a step and direction pulse train or CW/CCW pulse trains to control a single-axis stepper or servo motor driver. Interface signals include CW and CCW limits, origin approach, origin stop, emergency stop, and interrupt signals. Automatic backlash and origin offset functions are now included for precise positioning requirements. Move parameters can be set up in either ladder logic, or by connecting the hand-held programming console, and are stored in battery-backed memory. Extensive diagnostics are also available to the PLC for quick error detection and troubleshooting.

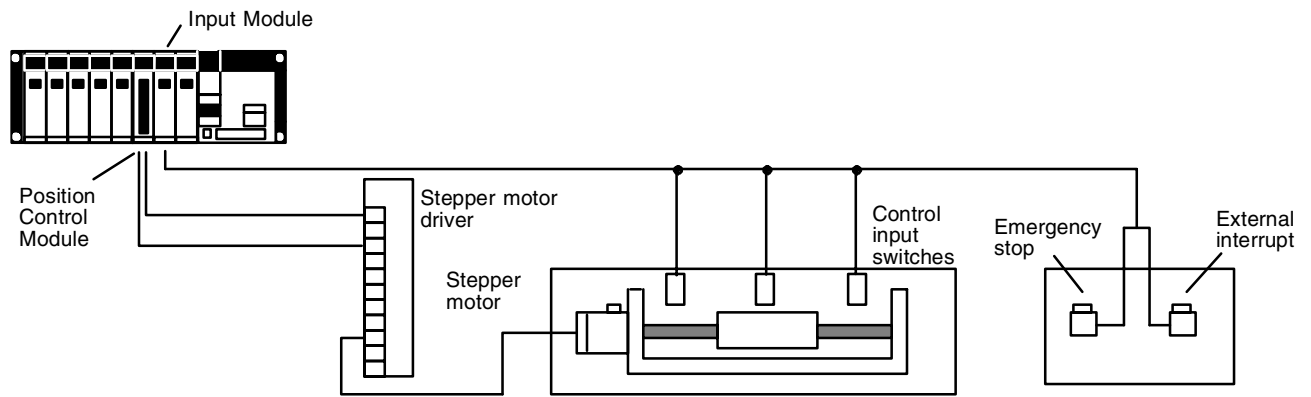
Features

- ◆ Pulse output for stepper motor or servo motor driver
- ◆ Origin and backlash compensation for precision positioning
- ◆ Teach mode or storage of calculated movement parameters
- ◆ Internal diagnostics
- ◆ External signal interface for CW, CCW, origin, emergency stop, mode, and interrupt
- ◆ Parameters, speeds, and positions set in CPU DM area

Specifications

Part number	C200H-NC112	
Number of axes	One axis per module	
Control system	Automatic trapezoidal acceleration/deceleration	
Position	Data points	53
	Range	-8,388,607 to +8,388,606 pulses
Speed	Data points	15
	Range	1 to 250,000 pulses per second
Speed adjustment rate	2 to 2,000 pps/s	
Origin search	Origin proximity	Selectable; absent, Normally Open, Normally Closed
	Origin signal	Selectable; Normally Open or Normally Closed input
	Origin compensation	0 to 9,999 pulses
	Origin search speed	High speed and proximity speed available
Backlash compensation	0 to 9,999 pulses	
Manual operations	High-speed jog, low-speed jog, inching	
Manual	W128	

Typical Application



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