

## MYCOM, INC.

### 2-Phase NanoDrive™ Stepping Motor Driver

#### Features

- Nano Resolution up to 200,000 Steps per Revolution.
- 16 Different Resolution Modes from 1 Full Step to 1/1000th Step.
- Event output (hard output) is available at the time of designated pulse attainment.
- Closed loop is available with encoder input.



MLN20-110/210

#### Specifications

Item	Specifications
Network Interface	MECHATROLINK- I and MECHATROLINK- II
Action function	Fast feeding positioning, Constant feeding, Interpolation feeding, Home searching, External input positioning
Monitor	Current position, Action speed, Encoder counting value, Driver condition
Control function	Near positioning output, Electric gear, Software limit, Auto-backlash correction, Closed control
Input signal I/F	Deceleration limit, Home, Forward rotation prohibition, Reverse rotation prohibition, External clutch (three), Stop
Output signal I/F	Alarm , Brake , Event , SensorOn
Encoder I/F	A/B/Z phases
Applicable motor	2-Phase Stepping Motor PF264-A (B), PF265-A (B), PF268-A (B), PF464-02A (B), PF466-02A (B), PF468-02A (B)
Resolution	Basic step is divided by: 1, 2, 2.5, 5, 8, 10, 20, 25, 40, 50, 100, 125, 200, 250, 500 or 1000
Driver Type	NanoDrive™, Star Bi-Polar, Constant Current Chopper
Phase Current	MLN20-110 : 1.0A/Phase / MLN20-210 : 2.0A/Phase
Input Voltage	AC 100 to 120V ± 10%

#### MECHATROLINK specifications

		M- I	M- II	
		17-byte	17-byte	32-byte
Command	Stepping Motor Drivers	×	×	×
Transmission cycle		2ms	0.5ms to 8ms	

#### Contact Information

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