

TMCM-110

1-AXIS CONTROLLER/DRIVER MODULE

MAIN FEATURES:

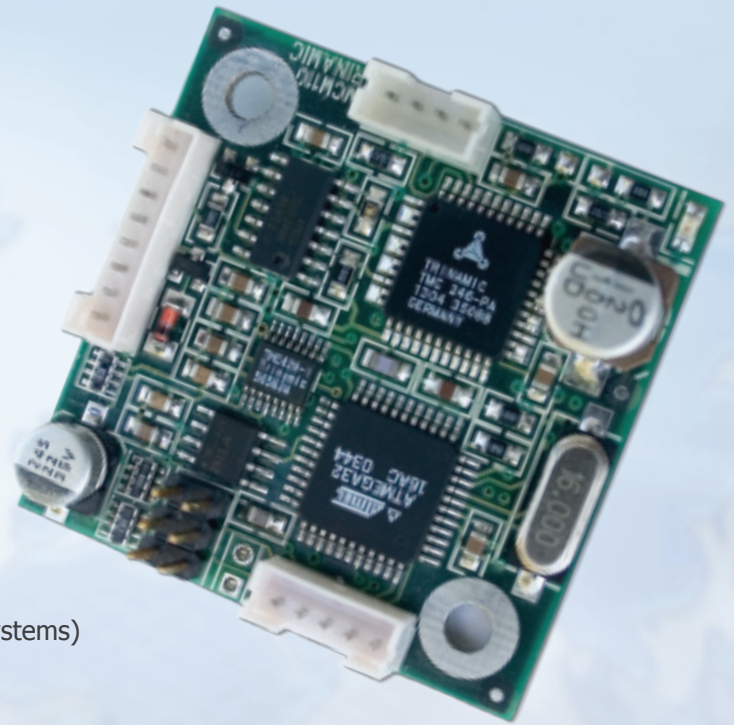
- Voltage: +7 to 28VDC
- Current: 0.1 to 1.5 Amps programmable
- Hold current: 0.1 to 1.5 Amps programmable
- Step resolution: Full Step, 2x, 4x, 8x, 16x
- Speed: (max step frequency: 45kHz)
- Inputs: 2 limit switches, 1 analog or digital
- Outputs: 1 open-collector (100mAmp)
- RS485, RS232 communication (must choose which model – 2 different modules)
- Stand alone operation, can store programs on EEPROM and run upon power up
- Stallguard™ (encoder-less stall detection in controls systems)

DETAILED FEATURES:

- Operating temperature: -20 to 50°C

INCLUDED ACCESSORIES:

- No cables come with this unit. The cable-set is part number: 048-00006 (includes 3 cables for the three connectors)



CONNECTION SPECIFICATIONS:

Connector 1	
Pin #	Function
1	GND
2	+7 to 28VDC
3	Comm GND
4	RxD (or RS485+)
5	TxD (or RS485-)

Connector 2	
Pin #	Function
1	Phase A
2	Phase A Bar
3	Phase B
4	Phase B Bar

Connector 3	
Pin #	Function
1	Left Limit Switch
2	Right Limit Switch
3	GND
4	General Purpose Output
5	VDD (same as +7 to 28VDC)
6	GND
7	General Purpose Input
8	+5VDC output (max 20mA)

