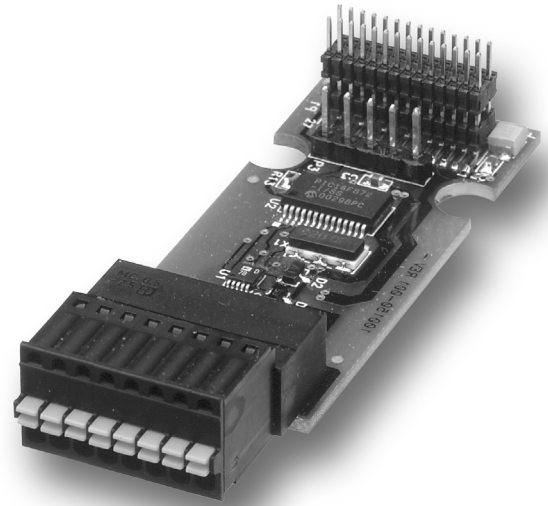


MICRO LYNX™ EXPANSION MODULE

ANALOG OUTPUT MODULE

FEATURES

- Low Cost
- Two 0 to +5 VDC Output Channels (Up to 4 total channels if two boards are used)
- 12 Bit Resolution
- Three Modes of Operation: Voltage, Velocity and Position
- Adds the Capability for Controlling:
 - AC Variable Frequency Drives
 - Servo Drives
 - Brush-Type DC Drives
- Plugs Directly into MicroLYNX Controller
- Removable Terminal Strip or Pin Header



DESCRIPTION

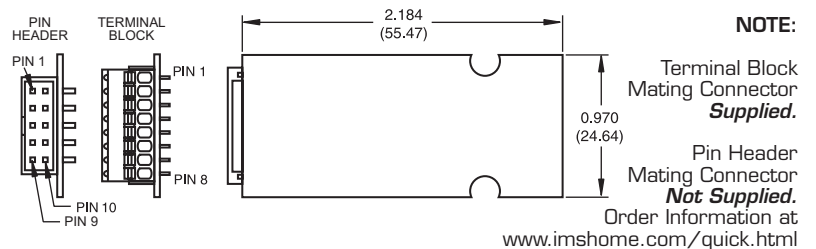
The Analog Output Module gives the MicroLYNX the ability to control drives that require an analog control signal such as variable frequency drives, servos and brush-type DC motor drives. It adds two 0 to +5 volt output channels to the functionality of the MicroLYNX. Each channel features 12 bit resolution and may be programmed to one of three operational modes: voltage, velocity or position. Each of these modes may be set to a 2.5V centerpoint for plus or minus operation.

In many cases, this module may save the expense and complexity of using a PLC by enabling MicroLYNX to handle applications such as Indexing Conveyor, Material Handling and Feed Rate Override.

ELECTRICAL SPECIFICATIONS

Analog Output Voltage Range..... 0 to +5 volts @ 50mA Max.
 Resolution 12 bits
 Offset..... ±3 LSB
 Integral Linearity Error..... ±2 LSB
 Differential Linearity Error ±3/4 LSB

INTERFACE INFORMATION



PIN ASSIGNMENTS

PIN	CONNECTOR OPTION	
	TERMINAL BLOCK	PIN HEADER
1	GROUND	GROUND
2	CH1(slots 1-2), CH3(slot 3)	GROUND
3	GROUND	CH1(slots 1-2), CH3(slot 3)
4	GROUND	GROUND
5	CH2(slots 1-2), CH4(slot 3)	GROUND
6	GROUND	CH2(slots 1-2), CH4(slot 3)
7	NO CONNECT	NO CONNECT
8	NO CONNECT	GROUND
9		NO CONNECT
10		NO CONNECT

ENVIRONMENTAL SPECIFICATIONS

Storage Temperature -20 to +70° C
 Operating Temperature..... 0 to +50° C
 Humidity..... 0 to 90% non-condensing

ORDER INFORMATION

	TERMINAL BLOCK	PIN HEADER
PART NUMBER	<i>MX-DA100-000</i>	<i>MX-DA200-000</i>

Standard product shown in bold italics. Lead times may apply to other versions.