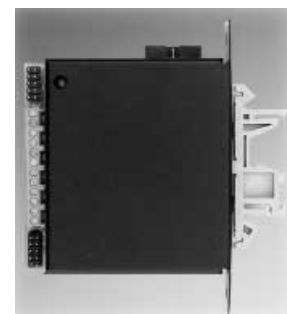




Specifications

MicroIPC05



| | |
|----------------------------------|--|
| INPUTS: | 4 Optically isolated, 5 to 28 volts, AC or DC (+ or -) (works with PNP and NPN sensors) 4 Dry Contact closure OR TTL. |
| OUTPUTS: | 4 Relay 120VAC, 5A, 1/10HP (drivers for Relays are accessible thru J3 connector 4 Solenoid Drivers with Transients Suppression Diodes 36VDC, 200ma |
| PROGRAMMING: | RLL (Relay Ladder Logic) with labels, rung comments and Software Emulator |
| OPERATING TEMPERATURE: | 0 to +60°C |
| STORAGE TEMPERATURE: | -40 to +70°C |
| RELATIVE HUMIDITY: | 5% to 95% noncondensing |
| DATA EEPROM: | 128 locations |
| PROGRAM STORAGE: | OTP (One Time Programmable) |
| PROGRAM SIZE: | 762 bytes |
| PROGRAMMING INSTRUCTIONS: | 60 |
| DATA REGISTERS: | 61, 8 bits, accessible as BITS or BYTES |
| TIMER/COUNTERS: | 16, 8 bits, cascadable OS's (one shot): 24 |
| ANALOG INPUTS: | 2 (16 bit mode) OR 4 (8 bit mode) (optional) |
| ANALOG OUTPUTS: | 2, 8 bit (optional) |
| PID: | optional |
| SIZE: | 3" x 2.75" |
| MOUNTING OPTIONS: | "SNAP-TRACK" or stand-offs (metal case available) |

CUSTOM CONFIGURATIONS AVL, Contact factory with your requirement.

OPTIONAL MODULES:

LCD/KEYPAD (4x20 LCD with BACK-Lit. 16 key keypad)
 STEPPER CONTROLLER (25 khz), 24bit position, 16 bit velocity, 8 bit acceleration.
 Trajectory programmable thru RLL
 USC2000 (Servo Controller) MAX 2 per PLC03
 TC/ANALOG module MAX 1 per PLC03
 PID module MAX 1 per PLC03 with 2 PID and OUTPUTS for SSR
 INPUT Expander (8 input) (utilizing PLC03 or MicroIPC05 as an expander)
 OUTPUT Expander (7 outputs if PLC03 used OR 8 outputs, if MicroIPC05 used)
 NOTE: modules interconnect thru 10 bin ribbon cable connected to module's "PlcBus" expansion connector.



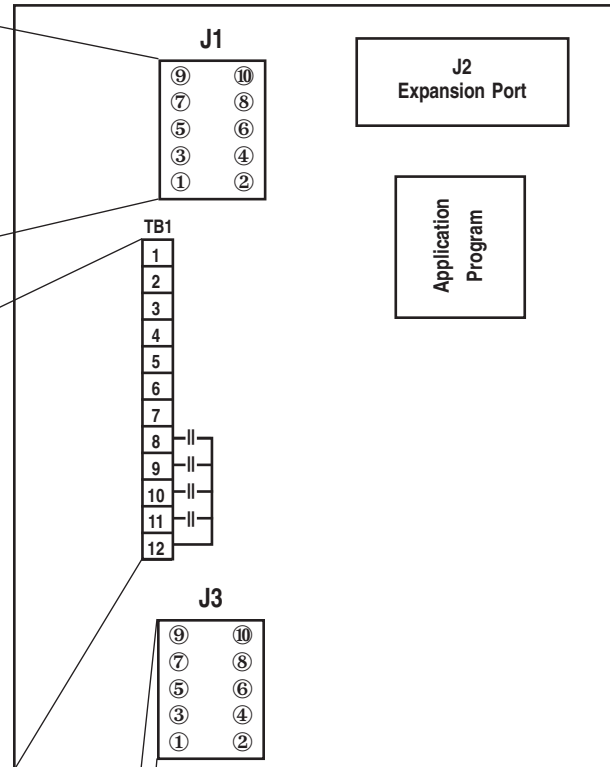
Specifications

MicrolPC05

J1 connector

| | |
|-----------------|------------------|
| Iso Input3 : 9 | 10 : TTL input 7 |
| Iso Input2 : 7 | 8 : TTL input 6 |
| Iso Input1 : 5 | 6 : TTL input 5 |
| Iso Input0 : 3 | 4 : TTL input 4 |
| Iso Inp COM : 1 | 2 : GND |

MicrolPC05 Board



TB1 connector (Inputs and Power)

| | |
|----|-------------------------------|
| 1 | Isolated Inputs Common |
| 2 | Isolated Input 0 |
| 3 | Isolated Input 1 |
| 4 | Isolated Input 2 |
| 5 | Isolated Input 3 |
| 6 | Pwr (9-12 VAC or 10 - 15 VDC) |
| 7 | Pwr (9-12 VAC or 10 - 15 VDC) |
| 8 | Output 8, Relay |
| 9 | Output 9, Relay |
| 10 | Output 10, Relay |
| 11 | Output 11, Relay |
| 12 | Output Relays COMMON |

J3 connector

| | | |
|--------------------------|-----------|---------------------------------------|
| Drivers | Out11 : 9 | 10 : Out12 (36v 200ma relay driver) |
| for | Out10 : 7 | 8 : Out13 (36v 200ma relay driver) |
| on board | Out 9 : 5 | 6 : Out14 (36v 200ma relay driver) |
| relays | Out 8 : 3 | 4 : GND |
| +14VDC from MicrolPC05 : | 1 | 2 : +14VDC from MicrolPC05 |