µP2000

From concept to product development and integration, ArcX provides a simple, innovative and cost effective I/O solution to meet our customer's specific design and functional requirements.

The µp2000 integrates numerous discrete components onto a single PCB, eliminating wiring errors and reducing overall size. An industry proven processor manages communications, operator interface, and I/O mapping to allow the device to appear as a simple remote I/O to the Line PLC processor. The µp2000 incorporates Real Time Automation's Common Industrial Protocol (CIP™) stack to allow communication via industry standard EtherNet/IP™ or DeviceNet™.

FEATURES AND BENEFITS

I/O
- Inputs for up to 8 tools, or up to 5 area sensors.
- Inputs are capable of monitoring battery voltage, temperature, volume, etc.
- 2 RS232 ports:
  - Primary: Support for Magswipe security badge input to track accountability.
  - Secondary: Support for Bar code reader or Auxiliary COM port.
- Two user-definable relay outputs (120 Vac @ 5A).

Operator Interface
- Large LCD display for real-time feedback of current recipe including tool satisfied condition, tool counts and process/conveyor information.
- Touch Panel Interface allows intuitive interaction.
- Tri-color LED status lights clearly indicate individual tool states, and are complemented by an overall stack light.
- Compact and robust design.
- ODVA certified EtherNet/IP™ or DeviceNet™ communication .

Power/Flexibility
- Class II power supply compliant for low power consumption.
- Integrated Power over Ethernet (PoE) technology allows data and power transmitted over single twisted pair.
- Automatic input power switching.

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INDUSTRIAL