

L2000 Programmable Logic Controller

Tesco L2000 Dual Ethernet PLC

Dual Ethernet ports enable the design of fail-safe hot-standby network systems.

The two Ethernet ports are in addition to the three RS232 serial ports and provide a total of five communication channels for telemetry operations. All five communication channels operate independently and each channel has the following features and capabilities: poll/response, Quiescent (Unsolicited), master polling, message store and forward, automatic port escalation with recovery, message retries, and communications statistics and diagnostics.

Applications

- Water treatment plants
- In-plant automation systems
- Waste Water treatment plants
- Real-Time remote I/O polling

Features

- Redundant hot standby Ethernet ports for primary network and secondary fail over communications network.
- Standard 10BaseT interface, 100Mbps data transmission, over twisted-pair cable, with RJ-45 connectors.
- Complies with IEEE 802.3 specification for physical communications on local area networks.
- Separate LED line status indicators for each port to confirm the frame transmit, receive, link, collision and Jabber.
- TCP/IP industry standard network protocol offers the utmost versatility for network configurations.
- Individual IP configuration for each port allows the L2000 to sit on two networks simultaneously.
- Built-in PING response for testing connectivity and verifying IP addresses.
- Windows and SCADA Ethernet protocol drivers provide unsurpassed data throughput.
- Protocols include Modbus, Data Express, and Data Express Plus.
- Route telemetry messages across communication channels, e.g RS232 to Ethernet and Ethernet to RS232.



Tesco Controls Inc.
3409 52nd Ave.
Sacramento, CA, 95823

Phone: 916-395-8800
Fax: 916-429-2817

<http://www.tescocontrols.com>