Temperature Controllers and Signal Conditioners

Network Data Acquisition

By allowing direct connection to a network (Ethernet 10Base-T), wiring labor, communication converter costs, and man hours for construction of a system program can be reduced. Our lineup supports the conversion of instrumentation to a networked configuration, fast installation, and reduced system setup costs.

- GateModbus is a software interface for connecting devices that support the Modbus protocol with DAQLOGGER data logging software. Allows connection of controllers, power monitors, and signal conditioners to the network (Modbus/TCP) for a small scale instrumentation system that can be set up quickly.
- Supports the Ethernet (Modbus/TCP) protocols.
- AddObserver monitor design software, an add-on for DAQLOGGER, lets you create the custom monitors that are optimal for your measuring environment.

Digital Indicating Controllers carries Ethernet Communications

DAQLOGGER and GateModbus Enable Data Acquisition on the UT551/UT351

Digital Indicating Controllers via Ethernet

- Ethernet Interface
  Helps you reduce wiring man hours and the need for converters.
- Modbus/TCP
  Cut back on man hours needed for creation of system programs. IP addresses can be set using front panel keys.
- Gateway Function
  Supply data to the system program through an RS485-Ethernet connection using existing controllers (RS-485 Modbus).
- Active Display
  View changes in control status instantly with color display of measured values (for example, changes from green to red when alarms occur).

Monitor field signals via Ethernet

- Enables monitoring of temperature, pressure, amount of flow, and pulse signals all from a single location.
- Up to thirty-one units can be connected using VJET (conforms to RS-485 communication specifications).
- Using an attachment base for communications (VJCE-01A) reduces wiring for communication and power supply.
- Create network connections among instruments with the RS-485 communication interface via VJET using an RS-485/Ethernet adapter, such as the Power Monitor, Green series digital indicating controllers, and UT100 series of temperature controllers.

- Ethernet are registered trademarks of XEROX Corporation.